UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF PENNSYLVANIA

IN RE: ASBESTOS PRODUCTS : Civil Action No. LIABILITY LITIGATION (NO. VI.) : MDL 875

UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF PENNSYLVANIA

ROCKLYN JACOBS, as Executor of the Estate of ROBERT JACOBS, DECEASED,

Plaintiff, CIVIL ACTION NO. 2:06-cv-67882-ER

v.

AC&S, INC., et al.,

Defendant.

DEPOSITION UPON ORAL EXAMINATION OF JAMES TATEM, SR. TAKEN ON BEHALF OF THE DEFENDANTS

Norfolk, Virginia

October 29, 2010

Appearances:

LAW OFFICES OF PAUL A. WEYKAMP By: PAUL A. WEYKAMP, ESQUIRE Counsel for the Plaintiff

TADDEO STURM, PLC

By: MATTHEW D. JOSS, ESQUIRE

Counsel for the Defendants General Electric Co.

and Foster-Wheeler Corp.

2 (Pages 2 to 5)

Appearances: (Cont'd.) SPOTTS FAIN, P.C. By: PATRICIA J. TURNER, ESQUIRE Counsel for the Defendants CBS Corporation and Ingersoll-Rand Company MILES & STOCKBRIDGE By: CARL R. SCHWERTZ, ESQUIRE Counsel for the Defendants SB Decking Co., Inc. If k/a Selby-Battersby, Georgia-Pacific Corporation and Mallinckrodt, Inc., If k/a International Minerals & Chemical Corp. PIERCE, HERNS, SLOAN & McLEOD By: KRISTIN B. FEHSENFELD, ESQUIRE Deposition upon oral examination of JAMES TATEM, SR., taken on behalf of the Defendants, befor Donna R. Tanner, Court Reporter and a Notary Public to notice, commencing at 12:00 p.m., on October 28, 2010, at the law offices of Paul Weykamp, 440 Monticello Avenue, Suite 1800, Norfolk, Virginia; and this in accordance with the Federal Rules of Civil Procedure. Procedure.				
SPOTIS FABLE DEPENDENCE SCORE BY: PATRICIAL TURNER PSOCIES BY: PATRICIAL TURNER PSOCIES BY: PATRICIAL TURNER PSOCIES BY: CARR SCHWERT, SEQUIRE Counsel for the Defendants SIS Corporation and Ingestollian Defendants SIS Corporation and Ingestollian Defendants SIS Deciming Co., Inc. 603 s569/s Seaters), occupant-psetific Commonwealth of Virginia at large, taken pursuant Milles & STOCKBRIDGE BY: CARR SCHWERTZ, SEQUIRE Counsel for the Defendant SIS Deciming Co., Inc. 604 s569/s Seaters), occupant-psetific Commonwealth of Virginia and Milles & STOCKBRIDGE BY: CARR SCHWERTZ, SEQUIRE Counsel for the Defendant SIS Deciming Co., Inc. 605 s569/s Seaters), occupant-psetific Commonwealth of Virginia and Milles & STOCKBRIDGE BY: Counsel for the Defendant SIS Deciming Co., Inc. 606 s569/s Seaters), occupant-psetific Commonwealth of Virginia and Milles & STOCKBRIDGE BY: Commonwealth of Virginia and the Sister of Civil Procedure. 100 Seater State Sister Si		2		4
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Pierce, Herns, SLOAN & McLEOD By: RRISTIN B. FERISPRELD. ESQUIRE Counced for the Defendants Amchem Products, Inc. Player Cropscience and Union Carbide Counced for the Defendants Amchem Products, Inc. Player Cropscience and Union Carbide Counced for the Defendants Amchem Products, Inc. Player Cropscience and Union Carbide Counced for the Defendants Universal, Inc. and Waco, Inc. WILLIAMS MULLEN Counced for the Defendants Universal, Inc. and Waco, Inc. WILLIAMS MULLEN Counced for the Defendant International Paper Counced for the Defendant International Paper Corporation Counced for the Defendant International Paper Corporation Counced for the Defendant International Paper Corporation 15 By: LYPN K. BRUGH, IV, ESQUIRE (via telephone) 16 By: Devenor M. R. School M. Sch	7	and Mallinckrodt, Inc., f/k/a International		
PIERCE, HERNS, SLOAN & McLEOD By. RERISTIN B FIESDRENELD, ESQUIRE Counsel for the Defendants Amchem Products. Index Properties and Union Carboide Corporation Mexcharge, Dawlson & LAKE, P.C. By. L BRIAN SLAUGHTER, ESQUIRE Waco, Inc. WILLIAMS MULLEN By. LYNN K, BRUGH, IV, ESQUIRE (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendant Honoyvell International FORMAN, PERRY, WATKINS, KRITZ & TARDY (via telephone) Councel for the Defendants as follows: BY MR. JOSS: Q. Sir, could you please state your name for the record? In going to ask you a series of questions today. A. My name is James Tatem. Q. Okay, Mr. Tatem, my name is Matthew Jos Pir going to ask you a series of questions today. A. Sure. Q. I'll start with a few ground rules. Let me ask you first, have you ever given a deposition before? A. No, sir. DEFONENT EXAMINATION BY PAGE DEFONENT EXAMINATION BY PAGE A. No, sir. DEFONENT EXAMINATION BY PAGE A. No, sir. OA. Have you ever testified in court before? A. No, sir. Q. Have you ever testified in court before? A. No, sir. OA. Have you ever testified in court before? A. No, sir. OA. Okay. I'll go over a couple ground rules. I'm going to ask you some questions. I'm going to ask you some		Minerals & Chemical Corp.		
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Corporation 12	10		11	JAMES TATEM, SR., was sworn and deposed o
MCKENRY, DANCIGERS, DANSON & LAKE, P.C. 12 By: J. BRIAN SLAUDHITE, SOUIRE 14 Wao, Inc. 15 Will, JAMS MULLEN 16 Counsel for the Defendants Univoyal, Inc. and 15 Will, JAMS MULLEN 16 FORMAN, PERRY, WATKINS, KRUZ, TARDY (via telephone) 17 Counsel for the Defendant International Paper 18 Counsel for the Defendant International Paper 19 Coursel for the Defendant International Paper 20 Corporation 21 IN D E X 22 A. Sure. 23 Sure. 24 Sure. 25 DEPONENT EXAMINATION BY PAGE 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Febsenfeld 29 Mr. Schwertz 20 Mr. Schwertz 20 Mr. Schwertz 21 Mr. Brugh 29 Mr. Schwertz 20 Mr. Schwertz 21 Mr. Brugh 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Febsenfeld 23 Mr. Febsenfeld 24 Mr. Sure. 25 Mr. Schwertz 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Brugh 29 Mr. Febsenfeld 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Schwertz 22 Mr. Brugh 23 Mr. Schwertz 24 Mr. Brugh 25 Mr. Schwertz 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Brugh 29 Mr. Febsenfeld 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Schwertz 23 Mr. Schwertz 24 Mr. Schwertz 25 Mr. Brugh 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Brugh 29 Mr. Schwertz 20 Mr. Schwertz 21 Mr. Brugh 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Brugh 23 Mr. Febsenfeld 24 Mr. Schwertz 25 Mr. Schwertz 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Brugh 29 Mr. Schwertz 20 Mr. Schwertz 21 Mr. Brugh 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Brugh 23 Mr. Brugh 24 Mr. Schwertz 25 Mr. Brugh 26 Mr. Schwertz 27 Mr. Schwertz 28 Mr. Brugh 29 Mr. Schwertz 29 Mr. Brugh 20 Mr. Schwertz 20 Mr. Brugh 21 Mr. Brugh 22 Mr. Brugh 23 Mr. Brugh 24 Mr. Brugh 25 Mr. Brugh 26 Mr. Brugh 27 Mr. Brugh 28 Mr. Brugh 29 Mr. Schwertz 20 Mr. Brugh 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Brugh 23 Mr. Brugh 24 Mr. Brugh 25 Mr. Brugh 26 Mr. Brugh 27 Mr. Brugh 28 Mr. Brugh 29 Mr. Schwertz 20 Mr. Brugh 20 Mr. Schwertz 21 Mr. Brugh 21 Mr. Brugh 22 Mr. Brugh 23 Mr. Brugh 24 Mr. Brugh 25 Mr. Brugh 26 Mr. Brugh 27 Mr. Brugh 28 Mr. Brugh 29 Mr. Brugh 29 Mr. Brugh 20 Mr. Brugh 20 Mr. Brugh 21 Mr. Brugh 21 M	10		12	behalf of the Defendants as follows:
By: J. BRIAN SLAUGHTER, ESQUIRE Coursel for the Defendants Univoyal, Inc. and Waco, Inc. By: LYNN K. BRUGH, IV, ESQUIRE (via telephone) Coursel for the Defendant Honeywell International FORMAN, PERRY, WATKINS, KRUTZ & TARDY (via telephone) By: VERNON M. McRALAND, ESQUIRE Coursel for the Defendant International Paper Corporation 10 10 11 11 12 12 13 14 15 15 15 16 16 17 17 18 17 18 17 18 17 18 18 17 18 18 17 18 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	11	M-VENDY DANGICEDS DANGON 8 LAVE DO	13	
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21 I'm going to ask you a series of questions today. 22 A. Sure. 23 Q. I'll start with a few ground rules. Let me 24 ask you first, have you ever given a deposition befor 25 A. No, sir. 3 INDEX DEPONENT EXAMINATION BY PAGE 3 James Tatem, Sr. Mr. Joss 4 4 Ms. Tumer 67 Mr. Schwertz 76 Ms. Tumer 77 Mr. Slaughter 78 Ms. Fehsenfeld 80 Ms. Fehsenfeld 80 Mr. Shwertz 81 Mr. Weykamp 86 Mr. Slaughter 101 Mr. Weykamp 86 Ms. Tumer 99 Ms. Tumer 106 A. Yes, sir. A. Okey doke. Q. You understand, sir, that we are here in the case filed by a gentleman by the name of Robert Jacobs A. Yes, sir. A. Yes, sir. A. Wes, sir. A. Yes, sir. A. Yes, sir.	17	•		-
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25 A. Yes, sir.	t	2 List of Ships 52		
	25		25	A. Yes, sir.

3 (Pages 6 to 9)

6 Q. Have you ever been diagnosed with an 1 Okay. 1 Q. 2 asbestos-related disease? 2 I actually plan on staying there. That's my 3 Yes, sir. 3 retirement. 4 0. And what disease is that? 4 Q. All right. Have you talked with anyone other 5 It's melo -- how do you say that word? The 5 than your lawyer about giving your testimony today? A. 6 asbestos ---6 A. No, just my wife. Actually, yeah, I did. 7 MR. WEYKAMP: Asbestosis? 7 Pat Hankins, I think I told him. He's an older friend 8 THE DEPONENT: Yes. There was an indication 8 of mine that he used to be my boss, and actually Jacobs 9 that I had asbestosis, a slight indication on my lung. 9 used to work for him, too. And he had an operation, so 10 It seems like that was about 10 years ago. 10 he's at home, so I stopped by to see him and say how 11 11 you doing. And I think I told Pat that I was coming 12 BY MR. JOSS: 12 over here for a disposition -- what do you call it, 13 Q. Okay. 13 disposition? Not disposition. 14 A. As a guess. 14 MR. WEYKAMP: Deposition. 15 15 All right, sir. I'd like to ask you what THE DEPONENT: Deposition, I'm sorry. But, 16 you've done, if anything, to prepare for giving your 16 anyway, and -- oh, yeah. Robert was a good boy. Yeah. 17 testimony today? 17 Pat Hankins. 18 A. The only thing I did was jot down a few notes 18 19 19 BY MR. JOSS: of some things I was trying to remember about some 20 different people that Jacobs and I along the way worked 20 When did you talk to Mr. Hankins? 21 on with several -- I've got several companies I thought Seems likes it was last Saturday actually I 22 that I could remember, but I just can't remember all of 22 went over. He had just gotten back from out of the 23 those things. 23 hospital and I stopped by. He lives right around the 24 Q. Okay. 24 corner from me over there where I live. 25 25 But just what I could basically remember, I Did you know that Mr. Hankins was going to be 7 1 scribbled out a few little notes on a piece of paper. 1 testifying in this case as well? 2 Okay. May I see those? 2 O. No, sir. At that time, no, sir. 3 A. 3 When were you first contacted about 4 O. All right, sir. And when did you make these 4 testifying in Mr. Jacobs' case? 5 notes? 5 A. Gosh, seems like it was a couple of weeks 6 Between yesterday and this morning when I 6 ago. Is it on that letter? No, that's something else. 7 was -- I got here a little bit early. Actually, I got 7 That's just telling me how to get here and I had this 8 here an hour early because I wasn't sure -- I didn't 8 in my little briefcase. It seems like it was 10 days 9 realize this building was here. But, anyway, it's been 9 ago. I'm not sure. I didn't know that was going to be 10 a while since I been to downtown Norfolk, so I was 10 important, or I don't know how important it is, but i 11 scribbling trying to remember some of the thoughts that 11 seems like it was a week or 10 days, whatever. I -- I just can't remember all those companies and the 12 12 Q. All right, sir. And when you were asked to 13 different things that we worked with, but that's 13 testify in Mr. Jacobs' case, were you shown any 14 basically what I could remember. 14 photographs or any pictures or any documents? 15 You mentioned that you hadn't been to 15 Oh, no, no, sir. 16 downtown Norfolk in a while. What's your current 16 Do you understand the purpose of your 17 address? 17 testimony here today? 18 A. 4754 Kempsville Greens Parkway, that's in 18 Just to prove that Robert had asbestos, I 19 Virginia Beach, Virginia. Going too fast? 19 guess, asbestosis, or that's what he died from. That's 20 Q. 20 No. all I know. I wasn't told or given any information 21 A. Virginia Beach, Virginia, 23462. 21 otherwise. 22 How long have you lived there? 22 Okay. Were you given any information about 23 Almost 15 years now. 23 what products or other materials Mr. Jacobs may have 24 Q. Okay. Any plans to move in the next year? 24 worked with during his time? 25 A. No. sir. 25 A. No, sir.

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(Pages 10 to 13)

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O. I take it that you and Mr. Jacobs worked together at Norshipco?

3 A. Well, actually I knew Robert earlier on as we 4 grew up sort of in the same general area. He went to 5 one school, high school, and then I went to another high school. And then earlier on we kind of got -- we 6 used to go to the same restaurant and all that, 7 8 drive-in, and looked at the same cars. So I knew him 9 before he actually showed up at the shipyard because we used to kind of generally pal around together Friday 10 night after the football game and stuff like that. 11

Q. Okay.

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And then I graduated from high school and then I went to the shipyard in 1960, thereabouts, or actually it was October 6th, 1960. And I had been there, and I finished my -- as an apprentice. I started out as a helper. I took an apprenticeship for four years.

And I finished my apprentice program and immediately thereafter they stuck me in as a supervisor, and that was about '64-ish it seemed like. That's when Robert showed up at the shipyard. We were 22 both surprised, you know. I hadn't seen him in a while and he showed up as an apprentice then. And I was a supervisor in that time frame. Seemed like it was like

Q. Let's talk about the apprentice program.

2 What were you going in as an apprentice for?

3 Sheet metal, sheet metal apprentice. Tin 4 knocker. Had no clue what it was.

You spent four years in that apprenticeship?

Yes, sir.

Q. Classroom training involved?

Yes, sir. It was like nine credit college courses that we took for two years of college basically. That's kind of what was said at the time anyway.

Q. How much of your time during the day as an apprentice was spent in classroom training?

We used to go for a week at a time. It --I'm trying to remember. Yeah, I think we went for -went a week of the month in that time frame, if I remember that. That seems like it's right.

Okay. And then for the other three weeks of the time, how much of that was spent, say, in the shop

A. Well, 8 to 10, 12, whatever hours they wanted you to work. Back then there was no limit on how long you could work. Like they come in with the union and all that. Back then you could work 10, 12, 14, 24 hours a day, depending on the work that came up. It was kind of tight.

'64.

But anyway, he came down to the ship on one of these first -- actually, it was one of the first Navy jobs we had on the -- the OZARK was the name of it. And I started directing, and he got to be one of my apprentice boys and I directed his work for jobs he worked on, and that's where I picked up seeing Robert again. Seems like it was 1964-ish, thereabouts.

Let me ask you this: When we're talking about the shipyard, what shipyard are we talking about?

A. It was Norshipco then. Actually, it was Norfolk Shipbuilding and Drydock. They hadn't had the new name or whatever.

14 Q. Okay. But Norfolk Shipbuilding and Drydock 15 and Norshipco are the same thing?

16 A. Yes, sir, what is now BAE. All of them are 17 the same.

18 Q. All right, sir. Now, you started there in 19 October, 1960?

A. Yes, sir, October 6th.

21 Q. You spent little bit of time as a helper over

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23 A. Started out as a helper for a few months, and 24 I got into the apprentice program and kind of stayed 25 there ever since.

But of the three weeks that you spent outside 1 2 the classroom in your sheet metal apprenticeship, how 3 much of that time was spent in the shop as opposed to 4 other parts of the yard?

Oh, in the shop? Mostly with apprentices it was more -- the larger amount of the time was spent of the ship as opposed to the shop. It was kind of a select few that got to work in the shop manufacturing and building. They wanted you to have a variety of all of the work, so they would keep you down on the ship, all the areas of the ships, the different types of ships. At times you would be up in the shop learning how to build the ventilation, so it was sort of a scheduled program.

You'd spend some of your time in the shop, but it wasn't hard and fast like it is today. They've got an exact program, you know. Then it was kind of wherever the foreman and supervisors wanted you to go and be at the time, that's kind of like where you worked. Probably if you want numbers or percentage-wise, a thought of that would be like 30 percent of the time was basically in the shop, and then the other 70 percent of the time would be on the ships and on the yard and that type of thing, as a guess from

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5 (Pages 14 to 17)

16 14 1 Q. Okay. You mentioned something about 1 A. Yes. sir. 2 2 ventilation ducts? So if you as a sheet metal apprentice were 3 3 A. Yes. working onboard a ship, first of all you had someone 4 above you who you were assigned to; correct? 4 Q. I was going to ask you, what does a sheet 5 A. Yes, supervisors most generally. Lead men is 5 metal worker do at Norshipco? 6 A. Well, at Norshipco when you first start out 6 what they call them. 7 7 Q. Lead man? as an apprentice they teach you to manufacture and 8 8 build ventilation, and not only ventilation, sinks, A. Yes, sir. And each day they would tell you 9 cabinets, doors, bulkheads and things that -- just 9 where you were going and which jobs you would be on and 10 10 anything that's kind of basically out of sheet metal. whether you were going to be on the shop or in the ship 11 or out in the field, wherever. 11 It was an eighth inch thick, point 125 or less was considered sheet metal work, and above that it would be 12 12 Q. If you were assigned to a ship, you could be 13 the plate shop's responsibilities for the most part. 13 assigned anywhere onboard a ship as a sheet metal Q. So you worked with thinner metal? 14 14 apprentice; right? 15 15 A. Throughout the ship from the top to the Thinner gauges, yeah, like eighth of an inch 16 thick and less. And that was the big thing back then. 16 bottom, because I've been underneath boilers and I've 17 17 It was like, no, that's the shipfitter's, no, that's been all the way on top of the mast. 18 18 the sheet metal, you know, that type of thing. Q. The equipment itself that's on a ship at 19 Norshipco, that would be within the jurisdiction of the 19 Q. So the ship rights and the shipfitters would 20 20 have heavier plates? machinist's department, correct, or the boilermakers or 21 whoever was assigned to work on that particular 21 A. Yes, sir. 22 22 machine? Q. Things like deck plats and the hull and 23 things like that? 23 I'm not sure I understand. A. 24 A. Yes, sir, that's right. 24 You mentioned the boilers on a ship? 25 But your primary job was working with metal; 25 Yes, sir. 15 17 1 1 correct? The boilermakers would be responsible for 2 2 With sheet metal, yes, sir. working on the boilers? 3 3 Now, Norshipco had a large work force in the A. Oh, of course, yes, sir. They would be in Q. 4 1960s? 4 the boiler room working on boilers. 5 5 A. About a thousand back then it seemed like and Okay. Q. 6 6 less, thereabouts. A. And, of course, we worked with them at 7 7 Q. Okay. Did it ever get more than that? various times, too. As a sheet metal worker you 8 A. I think, yeah, it - I'm thinking -- I think 8 would -- for instance, underneath the boiler, there's a -- naturally a drum, mud drum. The mud drum is 9 like 2,500 or 3,000 people in the mid and early or late 9 10 10 '60s it seems like. That's just -- I'm not positive covered with some type of insulation and then that 11 about that. 11 insulation most generally is then wired in place, 12 Q. Okay. And there are a number of departments 12 mudded at areas that expose -- that come away from the 13 boiler. 13 at Norshipco? A. Oh, yes, there are insulators or later on 14 And then the sheet metal guy is underneath 14 15 there were insulators, pipe fitters, shipfitters, 15 the boiler and it's like working underneath this table, 16 inside and outside machinists, electricians, painters, 16 laying on your back and you're putting sheet metal on 17 boilermakers. I said shipfitters, didn't I? 17 the bottom of this boiler and then you wire it up and 18 18 Q. strap it up and then you drill it to whatever, to the 19 19 A. And plate shop, the labor department. Yes, fixtures to put it in place. That's some of the work 20 I'm thinking they got up to about 3,000 -20 you do with the boilermakers. 21 21 Okay. And you also in those times frames would 22 22 assist the boilermakers by actually when they start A. - back in that time frame. I don't remember 23 23 breaking down the drum itself to go inside of the for sure. 24 Q. Okay. And each of these different 24 boiler, to take all the brick work and all of that out 25 departments had their own jobs to do; correct? 25 of the interior of the boiler. Sheet metal workers

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18 20 1 back then would actually help the boilermakers at 1 go ahead and get it all tore out. Tell the supervisor, 2 2 different times go inside the boiler, help them pass the supervisor would tell us, You get it all tore out 3 all the bricks out as you're breaking it out, that type 3 and we'll go back and replace everything and make it 4 of thing, just a general assist. look nice and pretty like it's supposed to be, but I 5 5 Q. You mentioned there was an insulating ain't got people to send down there now to get that 6 6 done. So that's the way it worked, even in the middle department at Norshipco as well? 7 7 A. My memory of the insulation department is in of tearing stuff out knowing that you didn't have to 8 the time frame of the late '60s it seems like -- no, 8 put it back. 9 9 '70s, '74, '75 was kind of like when they started Q. You mentioned somebody named Freddie. Who is 10 10 that? having an insulation department. Because prior to He's dead now. Fred Tillson. He's an old 11 that, if there was insulation or piping insulation or 11 12 12 buddy of mine. We used to have three plants back when boiler insulation or any of those things that was in 13 your way of the work you had to do doing the 13 all this was happening at Norshipco. They were three 14 ventilation work down in the engine rooms or getting 14 companies -- three plants, not one company, but they 15 15 over to some ventilation so you cut these flanges loose had -- the mother company was the one in Berkley, the 16 or whatever, there wasn't any assigned insulators at 16 secondary was the one in Brambleton right around the 17 17 corner here, and across the bridge from that was the that time frame, you do it yourself. 18 O. Okav. 18 Southern plant. 19 And I'm thinking that it was very late '60s 19 O. Okay. 20 and mid and early '70s before they actually had an 20 A. And all these three plants, except the --21 insulation department. That's what I -- to the best of 21 well, the Southern plant did more - catered more to 22 22 my memory, that's what I remember. the sailing craft, wooden craft and all that sort of 23 23 Q. Did Norshipco ever use an insulating 24 24 But the reason why I went there with that was contractor? 25 25 Freddie was the insulator guy in charge of the Oh, yeah. Well, that's -- back then I 19 21 1 remember -- that's what my little list was about. insulation department like I was in charge of the sheet 1 2 This right here? 2 metal department in the Brambleton plant in that time 3 I remember working with these guys like C. E. 3 frame, and that was -- I don't remember when I went 4 Thurston and Staggerwall, Waco and Shelby [sic], but 4 there. It seems like it was mid '70s, somewhere along 5 5 Shelby [sic] and Staggerwall it seems like we used in there, because they took me out in the '80s, that's 6 to -- I don't know what kind of decking they got now is 6 when Jacobs took my job in the Brambleton plant. 7 7 what I was trying to remember, but back then they had All right. When you started -- let's get 8 8 the terrazzo decking and all that. I remember these locations together. 9 9 Staggerwall, Joe and them, these were two of the A. Sure. 10 companies that did the terrazzo decking. And C. E. 10 When you were an apprentice from 1960 to 11 Thurston and Waco was two of the names that I kind of 11 1964, what location of the shipyard were you working 12 remember that did the insulation removals. 12 in? 13 But how that would work, a lot of times, even 13 All three. A. 14 with these guys, we would tear this stuff all out and 14 Q. Okav. 15 15 it would be a total mess. And then to put it back, it At times I'd work in the - depending on the 16 had to be a finished product so these guys would come 16 workload. And if – for the apprentices the workload 17 in and do the real doctoring up and re-insulating and 17 was - if it was stable you'd stay in the Berkley 18 that type of stuff. But as you were going along and 18 plant. But as things picked up in the Brambleton plant 19 you were told to get this sheet metal work done, get 19 and the Southern plant, they'd shift you over there, 20 this ventilation out of here or that type of thing or 20 the foreman would. 21 these cabinets or the bulkheads, if it had any 21 Okay. 22 insulation or glass or whatever on it, you'd tear it 22 So it's possible that you would be working in 23 23 out. the mother plant, the Berkley plant, on a given day,

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and that same day you could be shifted to Brambleton

and - or even to the Southern plant in that time

I told him about a friend of mine that's dead

now, but that's what Freddie would tell us to do. You

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7 (Pages 22 to 25)

22 24 1 frame. 1 shift or night shift as an apprentice? 2 Q. Let's talk about how these three plants were 2 A. Night shift -- I'm sorry. Day shift, day 3 different. You said one of them catered more toward 3 shift. sailing ships? Q. Okay. And then you came out of the A. Right. apprentice program in 1964 or '65? 6 0. Which one was that? 6 No, no. Yeah, you're right. I'm sorry, '65 7 7 That was the Southern plant. It was the is when I graduated. 8 smaller of the three. 8 Q. And you went straight to supervisor at that 9 It could only handle certain size vessels? 9 point? 10 Certain size vessel and only had a couple 10 A. In a few -- in a matter of months, yes, sir. 11 hundred guys over there of the number I told you about 11 That's when I remember the OZARK showing up. That wa 12 12 one of the first and largest Navy vessels at that time. 13 Q. Okay. Which one was Brambleton now? 13 And it lasted, I don't know, eight or nine months it 14 A. It was the middle yard. It's the one over 14 seemed like. It might have been longer. But that's 15 here by the Campostella Bridge. And usually the 15 kind of like where I met Robert along in that time 16 manpower over there, it seemed like it was -- tops 16 17 would be like 300. 17 Q. When did the OZARK come into Norshipco? 18 Q. Okay. What kind of ships did they work on at 18 A. I'm not positive. I think I remember -- I 19 Brambleton? 19 graduated in '65, so it was a couple of months after 20 A. The smaller crafts, the ARSs, the small Navy 20 that. It seemed like it might have been '65, '66, and 21 vessels, stuff that they could put on the railways and 21 it stayed for -- God, I don't know. It was crazy. I'm 22 the small drydocks that they had over there, 300 foot 22 not sure how long it stayed. Eight or nine months. I 23 23 vessels, stuff like that. don't think it was a year because I don't think back 24 Okay. And then Berkley was the largest? 24 then they were getting year contracts, but that's what 25 Berkley was the largest. It could handle any 25 I remember. 23 25 1 type ship. 1 Norshipco's work was contract work; correct? 2 2 Q. Okay. A. Yeah. 3 A. Especially after they got the big drydock and 3 Q. Let me ask you this: You talked about how 4 all that. 4 you moved around as an apprentice, you'd go from one 5 Q. Now, you say as an apprentice you could be 5 yard to the next to the next? 6 6 assigned to any one of these or more than one in a A. Uh-huh. 7 given day; correct? 7 О. Would you be assigned different supervisors 8 A. Yes, sir. 8 each time? 9 Did Norshipco work on three shifts when you 9 A. Yeah. 10 were an apprentice? 10 So you could work for more than one 11 A. Again, it would depend on the workload. And, 11 supervisor in a day? 12 yes, they did work around the clock a lot of times. 12 Yeah, even in the same plant. 13 And then later on as -- I don't know the time frames, 13 Okay. You might be working with one man in 14 they started setting up three scheduled 8-hour shifts, 14 the morning and then break for lunch and work for 15 but normally, depending on the workload, they would 15 somebody else in the afternoon? 16 have two 12-hour shifts to make that 24 hours. Yes, 16 Very possible. 17 sir, they did work around the clock a lot of times. 17 Either at Brambleton or you could have been 18 What was your assigned shift when you were an 18 moved over to Southern or somewhere else? 19 apprentice in terms of hours? 19 Berkley, Brambleton. Southern probably not 20 A. Well, I used to hate the night shift. But I 20 because it was small. You'd have to go over there to 21 used to have to work day shift when it was assigned and 21 fix a stove or a piece of ventilation on one of the 22 a lot of times they put the apprentices on the night 22 yachts or whatever, but most generally when you went 23 shift. I never liked it, but, yeah, I worked it many a 23 over there you only worked with the one guy. 24 time. 24 The other two plants, yeah, you could work 25 Q. Would you spend more of your time on day 25 with a couple of supervisors during the day. One might

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26 28 1 be doing DH in a given sandblasting area, and then you 1 knows Jacobs. 2 get that finished and Carpenter needs you over here to Is it Bland, B-L-A-N-D? 3 work on a stove, Carpenter being his name. 3 Yeah, Skipper. I can't remember his first --4 Q. What is DH? 4 his real name. 5 5 Dehumidifying systems. Back then they used What was Bland's position? 6 to sandblast the tanks inside and we had to run all the 6 He was the supervisor back then, higher up, 7 ventilation down inside to blow fresh air in and suck 7 you know. 8 8 stale air out. Q. Was he like a foreman? 9 9 Q. So part of your job as a sheet metal worker A. No, he wasn't a foreman. He was still called 10 a lead man. The foreman was Fitzgerald. He's dead and at Norshipco was to set up temporary ventilation for 10 11 the other trades? 11 gone, too. Dave Fitzgerald. 12 12 A. Well, no, not for the other -- well, that was So Bland was a supervisor but he was your 13 for the painters and blasters, especially for them and 13 boss? 14 only for them and not for the other trades. Because 14 A. Yeah. there was a ventilation department later on that used 15 15 Q. You were a supervisor but a newer one? 16 to set up the ventilation for the -- on the ship's 16 A. Yeah, right. Yeah, right. 17 jobs. 17 Ο. And then Jacobs came to you and he was an apprentice? 18 You say that you met Robert Jacobs again at 18 0. 19 19 the shipyard after you came out of the apprentice He was an apprentice in the apprentice 20 20 program? program at that time. Like I say, I got my years 21 21 A. No, I was still in the apprentice program, I backward right close. But, anyway, in that time frame 22 22 think, when he showed up. I'm trying to get the years he was an apprentice that was brought in to me to work 23 right because I graduated in '65, from memory. He 23 on the OZARK. 24 showed up about '64, but when I -- the time frame that Q. Okay. What was your job on the OZARK at the 25 he came into the job the OZARK was there. But I was a 25 time that Jacobs first arrived? 29 1 1 supervisor so it had to be -- I said '64 when he came Well, back then everything was worked by 2 2 over. He must have started in his apprenticeship. specification and they had given me what -- a set of 3 3 I'm trying to get my years -- I got them specs to work all these jobs, an assistant -- Skipper 4 crossed. Because I got out in '65, I was a supervisor. 4 Bland, again, from the way I'm remembering, he was 5 I don't remember him coming in that space on the OZARK 5 basically responsible for me and he'd tell me which set 6 later on, so he was an apprentice and had started and 6 of the -- what area of the specs for me to make happen. 7 7 was working in other jobs as an apprentice, and then that type of thing. 8 when I was made supervisor and was assigned to the 8 You were doing sheet metal work? 9 OZARK, he showed up one day. Skipper Bland brought him 9 A. Yeah, throughout the ship, again, from top to 10 in and said, Guess who I got for you? And that's when 10 bottom. 11 I first saw Robert, so it must have been in '65 as 11 Q. Now, the Navy owned the OZARK; correct? 12 opposed to '64 when he actually started his 12 A. Correct. 13 apprenticeship. So he could have been like a second 13 That was a Navy ship, and the Navy came to 14 year apprentice as far as my timing goes. 14 Norshipco or Norfolk Shipbuilding and Drydock, 15 Q. First time you recall seeing him out in the 15 whichever name it was, they came to the yard and said 16 yard though was on the OZARK? 16 We want you to do these jobs and here are the specs? 17 A. Was on the ship called the OZARK. Yeah, 17 A. Well, it gets - there's some -- all the 18 that's what I kind of remember. I mean, that was one 18 estimators, they do all the estimating of all these 19 of the jobs they brought him down and said, Here's a 19 jobs, and then the award goes out to the contractor 20 new man. 20 that bids the best price. And then, yes, you get a set 21 Q. You gave the name of someone who brought him 21 of specifications that includes all the different 22 down. Who was that? 22 shops. And then those superintendents, they have thes 23 A. Skipper Bland, and he lives in Carolina. I 23 meetings and then they direct who gets what part of the 24 didn't know how to get in touch with him. I was going 24 specification in accordance with the type of work that 25 to say you could talk to him about Jacobs because he 25 you did.

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30 32 1 Q. Okav. 1 A. To make it happen, yes, sir. 2 All the sheet metal work would go to the 2 All right. When Jacobs was first aboard the 3 sheet metal shop, the specifications, the drawings and 3 OZARK that you saw him, he was an apprentice? 4 all that type of stuff, and then from there you start 4 A. From my memory, yes, sir. 5 doing the jobs. And then there were several 5 So he would have been just like vou were, he 6 supervisors like me working for Skipper as the lead, I 6 would have been assigned to different supervisors o 7 guess would be the right word back then, the lead 7 different days and different parts of the yard; 8 supervisor, and he would make sure we did all of our 8 correct? work right. And we'd assign jobs to the different guys 9 9 A. No, not -- what would happen -- when he was 10 that were given to us. That's kind of the pecking 10 assigned to me on that job, he -- I was his boss at 11 11 that time. 12 Q. The way it generally worked though is that 12 Q. Right. 13 the Navy knew it needed to get some work done on the 13 And as long as he stayed on the OZARK, he 14 **OZARK?** 14 reported to me. 15 A. Right. 15 Q. Okay. But he might work for you for half a 16 Q. It sent out --16 day and then go off to some other ship or go over to 17 Specifications. 17 Brambleton or somewhere else? 18 -- specs to the different yards and said, 18 From some of the conversation that I said 19 Bid the job? 19 earlier it might seem that way, but in this situation 20 A. Right. 20 where there was a -- this was a big job. Jacobs, Joe 21 Q. Fred, Frank, all these were sort of permanently And basically the low bid won? 21 22 A. The contract, right. 22 assigned to that job for the duration of that contract. 23 Q. So Norshipco won the contract? 23 Okay. Obviously --24 A. Correct. 24 Because it was such a large job is why they 25 0. Because it knew what work needed to be done 25 assigned people instead of jumping them all around 31 1 and how much it would cost for them to do it? 1 That was some of the problems they were having back 2 A. Right. 2 then. Well, I needed him to -- you know, no. When 3 Q. But it was the Navy that determined what jobs 3 Jacobs was assigned to that job, as well as the other 4 actually got done on the ship; correct? 4 guys that were assigned, like me, I was on it, that was 5 A. No, they didn't determine -- well, they did 5 my job until it was completed. 6 have surveyors on the job following the work, but they 6 Q. Okay. 7 didn't determine which jobs had to be done. They knew 7 In that situation and in that time frame. 8 all the work in that package had to be done and it was 8 That was when they just started getting into some of 9 up to Norshipco to get it done at their discretion and 9 the -- instead of jumping everybody around playing 10 assigning the people as they saw fit and make it 10 stupid games, keep these guys on this job and get this 11 happen. 11 12 Q. But the actual jobs that got down, the actual 12 Q. You gave me a bunch of names there a minute 13 tasks and things that needed to be fixed or overhauled 13 ago, Joe and Frank? 14 or whatever on the ship, the Navy decided what got 14 A. Oh, they were just arbitrary. They wasn't 15 done? 15 anybody. 16 A. Correct. 16 Do you remember who else was assigned to work 17 Okay. So if a particular piece of equipment 17 with you in the sheet metal department on the OZARK? 18 were going to get worked on or not worked on, that's 18 Wow, no, I don't. I'm sorry. I wished I --19 the Navy's call; correct? 19 Obviously Mr. Jacobs as an apprentice would 20 A. Correct. 20 have done his classroom time as well? 21 Q. And Norshipco said, We can do that job for 21 A. Oh, yeah. When his school time came up he 22 this price? 22 had to go to school that week. 23 A. Uh-huh. 23 Would you get a different apprentice? 24 Q. And then Norshipco assigns whoever they need 24 A. Not necessarily an apprentice. I would get 25 to do it? somebody to fill in that spot for that week. And I'm 25

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34 36 1 trying to remember, was it a week? I'm going to have 1 time the furniture, the berthing compartments and all 2 2 to leave it there because that's the way I remember it, they're modular units, units that are made of metal so 3 as a week for that time. 3 you can get them through the doors in spaces like that 4 Q. Do you remember who any of those people were 4 and then you assemble them in place. You got to put 5 that filled in during Mr. Jacobs' classroom week? 5 all the sides in, the fronts, the back, the top, and 6 6 I'm sorry. I really don't. you put the drawers in and then you built the berths 7 Okay. You said you thought the OZARK might 7 and you got to build stuff, structures to the bulkheads 8 have been in the yard eight or nine months? 8 that allows the berths to be hung on them so that 9 9 A. Yeah, it seems like it. Because that was one they'll fold up and down. 10 10 of the first largest contracts we had government-wise And the drawers that went underneath the Q. 11 for any kind of time. That was why they set up to have 11 racks? 12 the -- to keep the people on the job working as opposed 12 A. The drawers, metal drawers. And then in the 13 to this jump here, jump there that did happen. 13 sculleries you got the stainless steel fixtures and 14 Q. Did the OZARK come into the yard before Mr. 14 cabinets and dishwashing machines and that type of 15 15 Jacobs got to you? stuff. Everything like in your house is basically 16 16 A. Oh, yeah. there on the ship, but it's made of sheet metal. And 17 17 then it's made of modular units so you can get it О. Do you know how long it had been there? 18 18 No, sir, I don't. through these restricted doors, 27 inch doors, 32 inch 19 O. Could it have been a couple of months? 19 doors, that type of thing. 20 It could have been. 20 Even things like tables and chairs would have Α. 21 0. Okay. And then for -- and then for an 21 been made of metal? 22 additional one week out of every month, Mr. Jacobs 22 Yes, sir, for the most part so that you 23 23 would have been off the OZARK doing something else, attach them to the deck and those clips have to be made 24 doing his classroom training? 24 to the deck so they won't roll about. 25 25 A. Say that again. So the sheet metal workers were one of the 35 37 1 Obviously the job had already started when 1 departments, one of the trades that really spent their 2 2 Jacobs arrived? time in virtually every area of the ship? A. Yes, sir. 3 3 A. For the most part, yes, sir, including the 4 Q. So he missed maybe a few months of that? 4 engine rooms, generators room, boiler rooms, pump rooms 5 5 A. Few months, yes, sir. and all these different rooms I mentioned like that are And then after he arrived, one week of every 6 6 on all -- most all ships for the most part, even 7 7 month he was off the ship doing his classroom training commercial jobs to some degree. 8 8 for his apprenticeship; correct? Q. Let's talk specifically about the OZARK. Do 9 A. Yes. 9 you have a specific recollection of what compartments 10 What areas of the ship was Mr. Jacobs 10 Mr. Jacobs was assigned to on the OZARK? 11 assigned to on the OZARK? 11 A. The only thing that comes to mind that Jacobs 12 A. Well, I think it was like 386 or 400 hundred 12 probably was involved with quite a bit was the -- the 13 departments on that -- compartments, not departments on 13 different areas throughout the ships where we were 14 that whole ship. It might have been more. He could 14 building these new rooms out of metal joint bulkheads. 15 have been involved with any number of them, living 15 They call them MJ bulkheads. And the reason for that 16 spaces, berthing spaces, galleys, sculleries, engine 16 is that the design of the bulkhead itself is made like 17 room. As the work was generated by the specs or 17 a J, and you take one J and back it up to another J and 18 following the work, building bulkheads, new 18 you bolt all that together. 19 compartments, new ventilation, new furniture, new 19 Then those rooms got insulated. There would 20 cabinets, he would be involved in generally that type 20 be areas in the overhead that we had to knife slice 21 of work throughout the time. 21 insulation in the overhead to put the flat bar - the 22 22 Q. When you say things like furniture and six inch drop flat bar that you tack weld up there. 23 cabinets, you talking about like desks, chairs, wall 23 Sorry to talk with my hands. 24 24 cabinets? Q. That's all right. 25 25 A. Yes, sir, made of metal. And most of the And we go through and cut out all the

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38 40 1 insulation and the welders would come back with vou 1 when you were on the OZARK where you were not working 2 working off of scaffolding and you tack them to the 2 with --3 drop from the ceiling, and then you attach these A. Fifty years. 4 bulkheads to this riveting vertically and horizontally, Q. -- Mr. Jacobs, is that fair? 5 that type of thing, making ways for the doors. 5 There were times that I wasn't --6 Q. These MJ bulkheads, where on the ship were 6 Times where you were on the OZARK and you 7 7 these being installed? were not working with Mr. Jacobs? 8 A. Throughout for new berthing spaces, for new 8 Absolutely, yes, sir. 9 living space, for new lounges, for new libraries and 9 Likewise, there were times when Mr. Jacobs 10 basically building a house within a house made out of 10 might have been working on the OZARK, but not with you sheet -- I mean, in the ship made out of sheet metal. 11 11 A. Correct, that very easily did happen. 12 Q. A lot of this work was done on sort of the 12 Okay. You said something about -- I forget 13 upper decks; correct? 13 the word you used, was it auditors or inspectors? 14 A. No, these were the below decks, main deck and 14 A. Naval surveyors. You talking about 15 below, that type of thing, where all the berthing 15 government work? 16 spaces were. And running new ventilation, putting 16 Q. Yes, sir. Let's talk a little bit about 17 in - he could have been working in the scullery 17 them. 18 putting in new washing machines. He could have been 18 A. I don't know too much about them other than 19 working in mess decks putting in the new tables and 19 they were government employees that were assigned to 20 seating areas. Back then we did all that. And 20 the OZARK back then, and I -- I didn't deal with them 21 building new countertops for the serving lines for the 21 too much because it was -- they were just responsible 22 galley, you know, stainless steel tray lines that the 22 for the Navy work through the superintendents, and back 23 trays slide on, the sailors, guys are walking through, 23 then the superintendents were somebody -- a job you 24 just a variety of all different kinds of sheet metal 24 wanted to work for, but didn't -- but anyway, yeah. 25 work. 25 Q. So the surveyors would come through and make 39 41 1 O. Okav. 1 sure that the work was done to the Navy specs? 2 A. He would have been not necessarily assigned 2 A. Yeah, coordinated through a superintendent. 3 to just this piece. It's not like the Navy yard, if 3 A Norshipco superintendent would keep the Naval 4 you will. A lot of guys get in there and that's all 4 surveyors happy. 5 they ever do, which is the same thing over and over, 5 Q. The Naval surveyors were the folks that which is fine if it has to happen that way. But 6 6 signed off when the work was done right? 7 Norshipco, you just work on some of all of it. It's --7 A. Correct. 8 it's not madness, but --8 If the work wasn't done to their 9 Q. Let me ask you this: Was Mr. Jacobs ever 9 specifications, they could deny it and make the work 10 assigned to a supervisor or a sheet metal mechanic, for 10 get redone; correct? 11 lack of a better term, other than you on the OZARK? A. That's correct. 11 12 A. I'm trying to remember. Yeah, you know what? 12 If Norshipco wants to get paid and stay on 13 He worked with Sam Kurzer, who is no longer with us. budget, they did the work that they Navy wanted them t 13 14 He worked with Sam K-U-R-Z-E-R, and I remember him 14 do? 15 working for Sam. 15 All the work had to be agreed to and signed A. 16 And he very easily could have worked with who 16 off. 17 was my boss and our boss, with Skipper Bland also. 17 Q. And that also went for doing work that the 18 Skipper is still here, as far as I know. He's in 18 Navy didn't pay for? For example, a sheet metal 19 Carolina. I can't think of any of the other 19 mechanic can't just go do a job if it's not part of the 20 supervisors. I know there was probably Carpenter. Of 20 specs; correct? 21 course, he's dead and gone, L. J. Carpenter. He worked 21 A. That's right. That was what they call a 22 for him on there. Carpenter, Skipper, Sam. I -- I 22 change notice had to make that happen. A change notice 23 can't remember any other guy. We're talking 60 years 23 would be written by the supervisor, to the 24 24 superintendent, to the surveyor, the Naval surveyor, 25 Q. Would it be fair to say that there were times 25 and then they'd agree on that, and this is how much it

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12 (Pages 42 to 45)

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1 is going to cost, and then it would work itself back 2 down in the form of a change notice.

Q. Even the materials that you use, I know you worked a lot with metal that was an eighth thick and thinner, but even the composition of the metal that you would use for these MJ bulkheads and everything else,

that was controlled by the Navy; correct?

A. Correct. There were specifications that you had to make it from.

Q. And the Navy had lists of approved suppliers for their materials, you had to get them from the -for example, the companies that made the metal, the aluminum or steel or whatever it was, the Navy told the shipyard what companies they could go to to get it?

From my memory that's probably the way it had

16 to work.

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17 Q. Okay. Did you as a sheet metal worker on the 18 OZARK use anything that you believed contained asbestos 18

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20 A. I couldn't really tell you that because I 21 don't -- to this day I don't really absolutely know 22 what asbestos -- if I had a piece here that was 23 asbestos and a piece here that wasn't asbestos, I

24 absolutely wouldn't know that I could say that's

asbestos and that's just insulation.

the space. If it was in a fan room, you go in and move the -- whatever interferences was in your way, you'd get that out of the way so you could go get to do what you had to do with the chisels and all that and cutting access holes.

And many is the time that I had moved it and Jacobs, too, and the rest of the sheet metal workers because I think I mentioned earlier on that there wasn't an insulation department. So we knew that somebody was going to come fix it, but that's what -that wasn't our concern at the time. Our concern at the time was to get that ventilation out or get those flanges broke loose and make access however you had to do it.

You're talking about pipe insulation. Fair 0. to say you don't know what that insulation was made of correct?

A. No, sir.

19 You don't know how old it was?

> Don't have a clue. Even then I didn't know and today I don't know.

Okay. Whatever material was on there was something that the Navy had instructed to be put on there?

A. The Navy, yes, and commercial-wise, yes.

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I -- it was there. Whatever those materials were, I know that we used to go down in -- in a given situation if you go in a fan room, you got to make access to the ventilation. There was piping in the way and it had cloth on it and then underneath the cloth was the -- a white substance that if you cut that substance and all that, it would kind of make like a powder and all that stuff. And a lot of times it looked like a snow storm in some of these areas that we'd go in.

And at that time frame we did not -- to my knowledge we did not have a per se insulation department that did this, so you had to do it to get to your ventilation work or whatever where you pull this out, get the insulation aside. That's kind of what like I remember. And then these guys here would come 16 back later on, fix it up, doctor it all up.

Did you need permission to take any of that insulation off?

A. Not back then. You just do -- especially on commercial jobs -- getting away from the OZARK, on a 21 commercial job where a job was in, it had to be done, get it done, get to that ventilation, get it cut out of

24 there because it's deteriorated and it needs to be 25

replaced. So you've got to kind of work your way into

Okay. Q.

And that was something that was put on by others that no telling where or when, you know, whenever the ship was built and whatever it was built out of, that type of thing.

Other than the OZARK, did you work with M Jacobs on any other ships whose names you recall?

Yeah. I gave Paul several names that I --MR. WEYKAMP: This is all he had in response to the notice.

THE DEPONENT: The only thing I had was these names, and those were -- that is some information that I had left over from the shipyard. I didn't have any real reason to have it other than it was in my box, and that was about the only thing I could find. I tried to find anything you-all might need to support, you know, but I don't have any absolute memory other than the OZARK. It just happened to be the one I thought about.

I do remember working -- Jacobs working with me on the ARSs, and I didn't see any of those, and those were the repair ships that worked repairing the anti -- damn, I can't think of them.

MR. JOSS: Let me ask you this:

MR. WEYKAMP: If I can just say, this is a trans -- telefax transmission sheet from Mr. Tatem.

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13 (Pages 46 to 49)

			10 (14900 10 00 15)
	46		48
1	You'll see it's got one, two and three.	1	A. No, sir.
2	THE DEPONENT: Mine sweepers, mine sweepers.	2	Q. So you can't say whether or not even you were
3	MR. WEYKAMP: That's actually communication	3	on all these ships?
4	between counsel.	4	A. No, sir.
5		5	Q. There's a piece of paper that's taped to
6	BY MR. JOSS:	6	A. I did that. Those are the names of the
7	Q. All right. Let me ask you this about this	7	people I could think of and I mean, I could have
8	list. Where did this list come from?	8	made a list much longer than that, but I really didn't
9	A. I can't absolutely tell you because I don't	9	want to.
10	remember. I know it was in my files files, it was	10	Q. Okay.
11	in my old box I had at home. This is a list of ships	11	A. And those are half a dozen or so names that I
12	that I worked on. Jacobs worked on any given number	of 12	thought he was interested in. Paul was interested in
13	them. The ones with the checkmarks was the ones I	13	knowing were there some other people that I worked with
14	thought he might have possibly worked on, could have.	14	with Robert that I could get to him, and those were the
15	It's an almost maybe type thing.	15	ones I could think of. I mean, I've been gone four
16	Q. Right. You can't say for sure?	16	years now, five years, and I don't remember. That's
17	A. No, sir.	17	the ones I came up with.
18	Q. Okay.	18	O. Let's look at these names. The first one on
19	A. It's a list that I had left over from when I	19	the coworkers list that is attached to this is Pat
20	worked at the shipyard. I didn't save a whole lot of	20	Hankins we've already talked about who you talked to a
21	files. There was no need. I said, Don't need any of	21	couple weeks ago?
22	this stuff anymore, and I just found that and was	22	A. I thought about him because he's right around
23	looking at it because Paul had asked me did I remember		the corner. I know he worked with Robert, yes, sir.
24	Jacobs and the specific ships that he worked with me	24	*
25	on. And the only ones I could think on was the	25	Q. Who's Brad Vaughan? A. Brad Vaughan is a superintendent at Norshipco
23	on. And the only ones i could think on was the		A. Drau vaugnamis a superimendent at Norsinped
	47		49
1	JOSEPHUS DANIELS was one of them 1 think 1 remember	, 1	that I'm thinking he was in the shop in the time frame
2	and the ARSs and I think they've laid all them up.	2	that Robert was in the shop. He's a young boy about,
3	Q. The ARSs were Navy ships?	3	don't know, 45, 50 years old. And he he very easily
4	A. Yes, sir. They were the small, about 300	4	could have worked I was going to call him and ask
5	foot long ships that made repair to the mine sweepers	5	him did he work with Robert, but I never did.
6	when the ship mine sweepers would be underway or	6	Q. You say in the shop. Was there a time when
7	whatever and had problems overseas or wherever they	7	Mr. Jacobs was assigned to the shop at Norshipco?
8	went.	8	A. Oh, yeah, he worked in the shop and this
9	Q. These were tender ships?	9	Brad Vaughan worked in the shop in the same building,
10	A. These were tender ships, and they actually	10	and I know he knew Jacobs, you know.
11	would make repairs and were responsible for a lot of	11	Q. When was Jacobs assigned to do shop work as
12	the Navy diving and all that.	12	opposed to shipboard work?
13	Q. Do you remember the names of any of those ARS	13	A. Throughout his apprentice program, just like
14	ships?	14	myself. A little bit in the shop, a lot on the ship.
15	A. I don't.	15	Q. Was there a time that you're aware of when
16	Q. And you have checkmarks next to a number of	16	Mr. Jacobs would have been assigned to the shop full
17	these vessels' names but you don't	17	time?
18	A. I don't	18	A. No, sir, the apprentices don't get assigned
19	Q. Let me finish my question so the court	19	to the shop full time.
20	reporter can take it down.	20	Q. How about after he left the apprenticeship,
21	These are ships that you think Robert Jacobs	21	were there times when he was assigned to work in the
22	might have worked on, but you can't be sure?	21	shop?
23	A. Correct.	23	· · · · · · · · · · · · · · · · · · ·
	A. COITCE.	۷3	A. Basically more on the ship. When you finish
21	O The chine that are on the way didn't type	24	vous apprenties program vous tesining bind of
24 25	Q. The ships that are on the you didn't type this list yourself; correct?	24 25	your apprentice program, your training kind of part of that is over with. Unless you're involved in a given

14 (Pages 50 to 53)

50 52 1 job by specifications that you're going to be in the 1 He was a shipfitter, yeah, the heavier metal 2 shop building ventilation then you'll be -- excuse me, 2 area. 3 you'd be in the shop for that time frame. 3 Q. All right. And last, who was John Powers? 4 Q. Have you talked to Brad Vaughan at all about 4 He's a sheet metal. He was one of my A. 5 Mr. Jacobs? 5 apprentices, too. He was an apprentice. Him and Jacobs could have been -- no, I think Powers was behind 6 No. sir. 6 How about Tony Smith, who is that? 7 Jacobs, but they worked together. They knew each other Ο. 8 A. That is the foreman or -- I don't know what 8 and worked together. they call them now. I don't think they call them 9 9 So why don't we do -- at this point I'm going 10 foremen. Anyway, he for all intents and purposes is 10 to mark your handwritten notes as Exhibit 1 to the 11 the foreman in the Brambleton plant -- sorry, Berkley 11 deposition, and we'll do these two pages as Exhibit 12 plant sheet metal shop. The Brambleton plant is no 12 Number 2. 13 longer in existence. Neither is the Southern plant. 13 A. Do you need those? 14 Q. The Berkley plant is the one that's out here 14 Q. Yeah, please. 15 in between Norfolk Waterside and Portsmouth where you 15 16 see the big drydock? 16 (Tatem Deposition Exhibits Number 1 and 17 17 A. When you go over the bridge, it's -- yeah, Number 2 were marked for identification.) 18 18 the big drydock, yeah, that's BAE, Norshipco. 19 Q. And have you talked to Tony Smith about 19 BY MR. JOSS: 20 20 Q. Mr. Tatem, other than putting together MJ 21 No, sir, didn't get a chance. 21 bulkheads on the OZARK, do you have any specific 22 Who is Tim Spruill? 22 recollection of jobs that Mr. Jacobs did while working 23 23 He is an -- I guess Tim's now a at Norshipco? 24 superintendent. I'm not sure of his title. He's one 24 On the OZARK we're talking about? 25 25 of the guys that worked with Robert as we were coming On any ship. I understand you don't recall 53 1 along, and him and Robert actually were kind of about specifically what other ships he was on, so it sounds 1 2 the same age, I think. 2 to me like the OZARK is the only one that you really 3 Q. Was Tim Spruill in the sheet metal 3 remember him being on that particular ship? 4 department? 4 A. Only because that was seemingly the first 5 5 Yes, sir. He was an apprentice, too. time I met back up with him. I mean, he did work on 6 Was Tony Smith a sheet metal worker? 6 like ventilation, I think we've said that, on --7 A. Yes, sir. Actually I think both those were 7 Q. Okay. 8 two of my apprentices, too, at one time. 8 A. Putting sheeting on generators, putting 9 Q. There's a Jim Tatem, Jr. 1 take it that's 9 turbines -- taking metal off of turbines and generators 10 your son? 10 and pumps and building -- what was those boxes? I A. Yes, sir, him and Robert worked together 11 11 forgot, we had a name for them. Building strainer 12 earlier on. 12 shields is what I'm trying to say. They are boxes 13 Q. How old is your son, Jim Jr.? 13 that's down in the engine room on all the oil fired 14 He's 40 -- 48 or -- I think he's 48. 14 equipment, you know, for protection, to protect the box 15 When did he start working at Norshipco? 15 is what they are, straining shields. Ventilation, I 16 Gosh, '62 -- I -- '74-ish. I don't know. He 16 think I've said, in the engine rooms, in the fan rooms. 17 did an apprentice program, too. 17 Galleys, he was good in stainless steel work. Robert 18 Was he sheet metal? 18 could weld. He worked on stainless steel work for many 19 Yes, sir. 19 counters, cabinets. I'm trying to think. 20 Who is Larry Rummel? 20 He was good at sketching. Of course, that's 21 A. Larry Rummel is a plant manager I think at 21 part of making everything happen. You know, you go Norshipco, BAE, and I - I know that he knew Robert and 22 22 down and you make interference drawings and put all the 23 how -- what kind of guy he was, hard worker type, you 23 information down and then take that information back 24 know, and dependable and all that. 24 and you do -- that's some of the shop time he would 25 Q. What department was Larry Rummel in? 25 get. Doing a lay-down is what they call it, and you

15 (Pages 54 to 57)

54 56 1 lay all this down and put all the interferences on the 1 the metal? 2 2 drawing and then figure out how to get from A to B with No, you lay them out as you built these 3 the ventilation runs through all the piping and 3 bulkheads for these new metal jointed doors, and they electrical and all the interferences. I don't know how 4 were metal, as you said, MJ doors. And you'd frame ou 4 5 much more you -5 for them and you have to cut the metal to make the 6 Q. Well, let me ask you this: You mentioned 6 adjustments. And, of course, they had to be within the 7 7 some pieces of equipment. I'll start with turbines. MJ bulkhead framing so that there would be the strength 8 You said he was removing metal from turbines? 8 there to support the door and that type of thing. 9 Q, A. Yeah, the turbines were -- they're mated up Q. Okay. This was sort of a -- not really 10 to the main motors and the connecting -- the shaft from 10 prefab, but sort of a modular way of building 11 the turbine to the motors, whatever, would have the 11 compartments on these ships? 12 sheet metal enclosure. There'd be insulation 12 A. Correct. 13 13 protecting all the hot areas, and then we'd come along These bulkheads, and I think you mentioned 14 and cover it up with sheet metal, that type of thing. 14 the MJ bulkheads, they had sort of a J hook on each one 15 Q. At what point during the work on the OZARK 15 and you put those together? A. Yeah. The design of them was like that, and 16 was this work on the turbines done? 16 17 A. No, no, there wasn't any of that involved. 17 then you bring another one in here like this, out here 18 This is on other Navy jobs and commercial jobs that I 18 like this, and then this one would be flat and this one 19 just generally remember. I don't necessarily mean that 19 would be flat, and the next one would come out like 20 everything now that we're saying is on the OZARK. The 20 that. And then you come in and put rivets in here. 21 OZARK was there and it was done. That just happened to 21 And then at the top you'd weld it. (Indicating) 22 be one of the biggest jobs I remembered way back when 22 Q. And that was going to be my question. Was 23 we started that Jacobs was - that's about the time 23 that the -- the actual joints themselves are riveted 24 frame that he showed up. And I don't know that -- I 24 together? 25 wouldn't say that he worked on the turbines and the 25 A. Yes, sir. 55 57 1 generators at that time. 1 Okay. And then you weld them at the top into 2 2 On the OZARK? the --3 3 On the OZARK. A. No, they would be riveted at the top and they 4 And that's what I want to make sure, that you 4 would have expansion pieces at the top, slotted holes, 5 5 and there would be bolts in there with heads on them. and I understand each other. 6 6 Yes, sir. And they slide in and out as the ship worked, 7 7 otherwise, they'd pop all the rivets out. And at the When you went through the list of the 8 8 top of that flat bar that these were screwed to, the different -- of the galleys and the pumps and the 9 generators and the strainer shields --9 piece at the top is like that and then there is that A. Oh, that was just a variety of all the 10 10 piece. Right here is welded and right here is slotted, 11 different -- I misunderstood your question then. 11 and while we're looking at that, it's got a - like 12 Q. That's fine. I'll ask my question a little 12 that and it's got a slot in it like that and that's 13 bit more specifically. In terms of specifics tasks you 13 where that bolt goes through there and allows it to 14 14 recall Jacobs doing just on the OZARK during the few slide up and down. (Indicating) 15 15 months it was in there --That allows the ship to flex when it's at 16 Mostly during that time frame he was working 16 17 on ventilation and metal jointed bulkheads I remember. 17 Yes, sir, and all the rivets don't come 18 I don't think we got him into stainless work early on. 18 shooting out like bullets. 19 He was -- no, it would have been ventilation and metal 19 Q. We've been going for about an hour. Why 20 jointed bulkhead, hanging metal jointed doors or 20 don't we go ahead and take a few-minute break? I'm 21 21 installing them, not hanging them. You install them. going to check my notes and see how many more questions 22 You make out the cuts in the bulkhead and that was one 22 I've got and then we'll let some of these other folks 23 of the big things that he worked on. 23 maybe even on the phone have some questions. 24 24 Were the doors -- were the hatches that went A. Oh, gee. Okay.

(Whereupon, a recess was taken.)

25

through these bulkheads, were they already precut into 25

16 (Pages 58 to 61)

58 60 1 BY MR. JOSS: 1 together? 2 Q. All right. Mr. Tatem, we're back from a 2 I lived over -- actually, I lived in two 3 short break. I have a few more questions for you and 3 different areas when Jacobs -- when we were both coming 4 then I'll turn it over to some of the other folks to 4 along. I lived over in South Norfolk or Portlock, and 5 see what questions they might have. 5 then from there -- that was where I had my first home. 6 The names you wrote down on what's been 6 Then I moved from there to a place over in Chesapeake 7 7 marked as Exhibit 1, your handwritten notes that we off Military Highway off Ingle Avenue, and I lived 8 discussed earlier --8 there for 33 years. 9 9 A. Yes, sir. And in that time frame as we stump our toes 10 10 -- is it fair so say that these are just and go along our merry way, Jacobs lived -- I think he 11 names that you recall generally from your time at 11 lived in South Norfolk as we first started out, and 12 Norshipco? 12 then he moved to Newport News, and then he moved 13 A. There aren't any names on this sheet. 13 further out to the country where he could have his 14 Q. I'm not talking about people's names, I'm 14 dogs. He was big into hunting and all that stuff, had 15 talking about names of contractors, products, whatever 15 them blue tick hounds and all that sort of stuff. But 16 -- whatever is on here. 16 we still, you know, worked together and he'd drive back 17 A. I'm sorry. That was kind of - I was just 17 and forth all the time. 18 trying to think because my memory is not as good as it 18 Q. Do you recall when he moved out to the 19 used to be. Yeah, that was just notes I jotted down 19 country? 20 from people I remember working with generally. I guess 20 A. Let's see. It seemed like it might have 21 that's the right answer on that, if there's a right 21 been -- if I had to guess, he lived over in Newport 22 answer. 22 News -- I would guess in the late '90s, mid to late 23 '90s it seems like he moved out somewhere out in the Q. And for the company names that are on here, 23 24 those are names you just remember generally from 24 country. I don't know where it was. 25 Norshipco; correct? 25 Q. Okay. 59 61 1 Correct. 1 I never went there, but I did go to his place 2 And you couldn't tell me that Mr. Jacobs 2 that he had in Newport News a couple times, ate dinner 3 worked specifically with any products made by any of 3 with him, him and his wife. 4 these companies anywhere in the shipyard? 4 Q. Did Mr. Jacobs ultimately retire from 5 And swear to it, no, sir, I couldn't. 5 Norshipco? 6 Okay. And just -6 A. No, sir. I don't think he was quite old 7 7 A. I know that I did, you know, and he very enough. From what I remember when I found out that he 8 easily could have because those are some of the people, 8 had that asbestosis is what I call it, it seemed like 9 9 yes, sir. it was like 2000 - 2000 -- I want to say 2004 or 2005, 10 Q. But you couldn't say that Mr. Jacobs worked 10 along then I heard that he had this. And then we 11 on any specific ship at any specific time with any 11 talked maybe once a month or so on the phone about how 12 specific company or product on here? 12 was he doing and was it getting better and he was going 13 13 No, sir. to the hospital and all that type of stuff, and then, 14 Okay. Did you ever socialize with Mr. Jacobs 14 gosh, all of a sudden, you know, he was gone --15 outside of work while you were employed at the 15 Q. Okay. 16 shipyard? 16 -- it seemed like. 17 A. Yes, sir. 17 Q. Do you still have any contact with Mr. 18 And what would the two of you do? 18 Jacobs' wife? 19 A. Well, we'd go drink a few beers up at the 19 A. No, reason being I would have, but I had his 20 local beer joint and shoot some pool and work on cars, 20 phone in my phone or his number. I got a new phone and 21 and piddle - I mean, because he lived in the general 21 for some reason I lost the number and didn't have a 22 area that I was in, and back then I used to drink. Not 22 number to call her, so - I mean, because we were 23 excessively, just have a few, you know. 23 friends, and just to see how she was doing, I guess. I 24 Q. All right. Where were you and Mr. Jacobs 24 didn't know if it was in order or not, but I don't see 25 living at the time that you worked in the shipyard 25 why not because we were good friends back when we were

17 (Pages 62 to 65)

62 64 1 coming along, his wife and I and my wife -- my first 1 A. Then they started schooling us on it and 2 2 wife. I got the divorce 15 years ago, it seemed like. telling us, you know, because I started asking 3 3 questions, what's this all about, why. It's a safety Q. Did Norshipco at any point bring in abatement 4 4 contractors? Do you know what I mean by that? issue with asbestos. Keep the people out, and da, da, 5 5 da. No, sir. 6 6 Q. People that came in to remove asbestos and Q. Did Norshipco have to comply with OSHA? 7 7 they put up plastic sheets and worked -Yes, sir. A. 8 8 A. Oh, yeah. That happened -- it seems like I Q. Do you remember when OSHA came out? 9 never saw any of that happen until the late - let's 9 No, sir. A. 10 see. Where are we at? Had to be -- no, actually, I 10 Do you recall people taking any air sampling? О. 11 was a superintendent when that first happened. I'm 11 Oh, yeah, I used to have to direct some of 12 trying to remember. So that was '80 - late '80s it 12 that paperwork-wise. We'd send samples to Portsmouth, 13 seems like. I was kind of surprised because I was a 13 Actually, there was a place down here in Norfolk, too, superintendent and all the shops generally had gotten 14 14 that did it. 15 into being programmed, schooled and all that along the 15 Q. Do you recall when that activity started? 16 way. But as the superintendents, even though we were 16 No. I just remember some of it having to be 17 responsible for the job, we were entirely responsible done, and had some rush jobs, and da, da, da, da, da. 18 for nothing it seemed like at times. You know, you got 18 Let's see, when was that? Maybe '80, '90. Must have 19 all this information, but we wasn't getting in that 19 been mid to late '90s that I - when I first started 20 20 hearing about the sampling of the asbestos and that 21 And one of the times I went down on the ship 21 type of thing. 22 and all this plastic is everywhere and it's got the -22 Q. You said that at some point the shipyard came 23 23 I think it's got yellow signs with asbestos, keep out. up with its own insulation department? 24 So I jumped on the shop and I said, hey, what's going 24 Yeah. 25 on here, you know, that type of thing. You can't go in 25 Did the insulators who worked -- when they 1 1 there, Mr. Tatem. You cannot go in there, it's off formed that department, did those insulators wear any 2 2 limits. And I started checking and finding out things. kind of masks or respirator when they were doing their 3 3 They hadn't schooled us on any of that in that time work? 4 frame, but that was one of the first exposures to these 4 A. Earlier on. The only thing I used to see 5 5 enclosures, you know. them in some of the insulation removals and stuff like 6 So then I did go into the space because I put 6 that early on, it seemed like it was -- gosh, I want to 7 all the gear on that they said you're supposed to wear 7 say -- because I was still in the shop. Seemed like it 8 and all that to go down in there. And it was down -8 was late '70s or something in that time -- I'm not sure 9 9 my understanding is that as long as there's nothing of that. It seems like in the late '70s, and the 10 10 flying -- debris flying around, you're safe if you've insulators were - that's when they would start helping 11 11 got all the gear on. So there's been a time or two with it. 12 that I was approved, okayed to go into the spaces even, 12 But a lot of the times and even in that time 13 but that's when I first found out about it. 13 frame, we'd -- we'd have to insulate stuff that was in 14 Q. You said the shops had already been schooled 14 the way, you know, that could have been asbestos. It 15 up on it? 15 was insulation is all I know. And we'd call Fred, 16 A. It seems like, yes, sir. 16 that's the fellow I told you passed away, back in that 17 Q. Do you recall when the various shops and 17 time frame. Used to you had to write chits and that 18 departments got their education and training? 18 type of thing. And as we would write the chits and 19 A. No, I don't. It just seems like that it was 19 wait for an answer back when they were going to be able 20 at that time -- it was like a surprise that particular 20 to do it, well, I got 18 jobs and I got 12 people. You 21 first time that I saw this stuff. The engine room was 21 get rid of it, you make it go away, you get it out, you 22 enclosed and that was one of the first times in the 22 get to your work and I'll take care of putting it all 23 early -- earlier on shall I say or I should say that I 23 back and dressing it up and putting it like it's

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supposed to be, and wrapping it like it's supposed to

be and painters will come in and paint it and we'll be

24

25

found out about it.

O. Okav. Did --

18 (Pages 66 to 69)

66 68 1 done. 1 was following some of the asbestos. I said, I think 2 2 So that's what you do, you go ahead and you I'm all right. They said, Well, it's worth a trip up 3 get it done, ripped out of your way so you could get 3 there just for your own health. It's not going to cost 4 access to the ventilation or overheads or whatever, you 4 you anything to find out, whereas if you're on this end 5 5 get your work done and they'd fix the mess after it was you're going to have to pay to have a lung examination 6 6 all done. and all that. 7 7 Did any of the insulation workers ever tell Q. So doctors that they referred me to or 8 8 you anything about asbestos? whatever took - did the testing of my lungs and all that sort of stuff, and the feedback was there's a 9 A. Not any real direct information like, Hey, 9 10 man, that's asbestos, it's not good for you. I mean, 10 slight indication of some asbestos. Unless it gets 11 I'm not stupid. I do remember hearing about asbestos 11 worse, you don't really have to worry about it was my 12 and don't be around it if it's flying and all that. 12 feeling of what I was told at that time. And you can' 13 Well, it was too late because I had already been 13 hold me to that because I'm not absolutely sure that' 14 through an episode of time in the early '60s, all of 14 what they said, but they did indicate there was a spot 15 15 the '60s, early '70s that you had to get the work done. and so I -- I don't know what else to say about it. 16 I don't care what it is. You go down there, you get it 16 MR. WEYKAMP: Mr. Tatem, you want to 17 out and you get that ventilation out, get back up here, 17 concentrate on the question. 18 Skipper Bland, and you get it back up here and I've got 18 THE DEPONENT: Oh, I thought that -- did I go 19 to have it back up here at 3:00. 19 too far? 20 When did you --20 21 21 So the night shift can do it. I'm sorry. BY MS. TURNER: 22 No, that's fine. When did you first hear 22 Q. No, you answered a lot of my questions, so I 23 asbestos might not be good for you or might possibly he 23 didn't want to stop you. 24 24 hazardous? A. He told me to listen to you guys and do it 25 25 A. Truthfully, I would guess awareness really one by one. I'm sorry. 67 69 1 1 seemed to start late '70s and early '80s, as a guess. In your answer you mentioned "he" and "they 2 2 Q. It didn't change how you did your work; as individuals who had referred you to the doctors up 3 correct? 3 in I think you said Maryland that could go and test 4 A. Not really. It still had to be done. You 4 you. 5 had to get it done. It seemed like they were working 5 A. Uh-huh. 6 towards more helping you as far as insulation removals 6 And I believe you were pointing to Mr. 7 in the late '70s, mid to late '70s it seems like what I Weykamp. Is that who you were referring to, Mr. 8 remember. Weykamp and his law firm? 9 9 O. All right. Mr. Tatem, I think those are all A. Yes. 10 the questions I have, I'm going to check my notes, but 10 Q. And they referred you up to Maryland to get 11 I'm going to let some of these other folks ask 11 tested? 12 questions as well. 12 A. Yes. 13 A. Okay. 13 As a result of that testing did you file a Q. 14 MR. JOSS: Thank you. 14 lawsuit? 1.5 15 A. 16 **EXAMINATION** 16 Do you have a lawsuit pending to recover for 17 17 any sort of illness? 18 BY MS. TURNER: 18 I do? A. 19 Q. My name is PJ Turner. I have a couple of 19 MR. WEYKAMP: You do have a pending suit. 20 follow-up questions. Do you know who diagnosed you 20 THE DEPONENT: I guess I do. I'm sorry. 21 with asbestosis? 21 22 22 BY MS. TURNER: A. The doctor person? 23 O. Uh-huh. 23 Q. Safe to say you don't know any of the details 24 24 I went up to Maryland. Somebody in the of that suit? 25 shipyard told me to touch base with this guy, that he 25 A. Well, I get informed, now that you mention

19 (Pages 70 to 73)

70 72 1 it, I guess in those letters. I just put them in the 1 A. No, I'm not sure, no. 2 2 file. I never pay no attention to them. Shame on me. MS. TURNER: Okay. Paul, as in the other 3 I'm sorry. 3 depositions, we'd like to request copies of any claims 4 Q. You have a file at home? forms that you have with regards to Mr. Tatem and any 5 5 Yeah. affidavits that he's executed in connection with those 6 6 With papers relating to your claims. 7 7 Just stuff I get from him. Just like I found 8 8 that it was necessary because of all this paperwork BY MS. TURNER: 9 9 you're think you're not going to be exposed to anymore, Q. And I understand that you don't know if you 10 not just from him. Yeah, I've got a file cabinet I 10 have or not executed them? 11 stick his piece of paper in when it shows up. 11 A. Well, I mean, I've signed some papers asking 12 12 Do you know if you ever filed -for -- what do those papers say? I have to start 13 I never realized it was a lawsuit, but I 13 reading that stuff. 14 guess it is, isn't it, from a lawyer. 14 Well, let me ask you this: Do you ever 15 15 Do you know if you've ever filed a claim recall receiving written questions called 16 against an asbestos settlement trust? And this would 16 interrogatories that asked you details about your work 17 17 be different than something from a lawsuit? with the shipyard? 18 Do I get any help with that? 18 A. Yes. 19 Q. And I'm asking you if you are aware if you 19 And do you remember formulating responses to 20 20 have. those questions? 21 MR. WEYKAMP: If you're aware if you have or 21 A. I guess the answer is yes. 22 not. 22 Q. And then giving them to your attorney, Mr. 23 THE DEPONENT: Say that again. I'm sorry. 23 Weykamp? 24 24 A. Yeah. Okay. That's some of the -- yes, I've 25 25 done it, yes, ma'am. 71 73 BY MS. TURNER: 1 1 Do you know when you answered those 2 Q. I'm asking you if you are aware of whether 2 questions? 3 you have filed a claim, either you or someone on behalf 3 Since I went to his place it's probably been 4 of you has filed a claim with an asbestos settlement 4 papers that have come in that I've signed, sent back I 5 5 trust. I'm going to give you some names that might guess over the last -- I don't know, do you know? Tel 6 spark your memory such as the Manville Personal Injury 6 years? 7 7 Settlement Fund? MR. WEYKAMP: Many years. 8 A. Yes. 8 THE DEPONENT: Over those 10 years I've 9 9 0. And the Celotex Trust, the Eagle-Picher gotten information from him that I didn't pay too much 10 Trust? 10 attention to it. I just figured it was an ongoing 11 11 A. I guess my answer has got to be yes, because thing that would happen. I'd sign the papers when he 12 I think there's paperwork in there that says that, yes. 12 asked me for the information and had no reason not to, 13 Q. Do you know if you've ever executed an 13 I guess. 14 affidavit in connection with any of those claims? 14 15 A. No. 15 BY MS. TURNER: 16 Q. Do you know what I mean by affidavit? Sort 16 Q. But you can't recall when you signed any sort 17 of a document that would say, My name is James Tatem, 17 of papers? 18 Sr. These are the dates that I worked at Norshipco, 18 A. No, I can't. It hasn't been anything lately. 19 this is what my job title was, and these are the ships 19 Seems like, I don't know, a year or so ago maybe. I'm 20 I worked on? 20 not sure. I don't remember sending anything back to 21 A. And I gave that information to who? 21 him lately. 22 Well, I'm asking if you remember ever 22 Okay. When was the last time you spoke with 23 creating sort of a document that said that sort of 23 Mr. Jacobs, can you recall? 24 24 thing and then you signed it at the end saying, I swear It seems like - well, I know I've seen him 25 that this is accurate, if you remember ever doing that? 25 since I retired, and that was about I think 2005. So

20 (Pages 74 to 77)

			20 (lages 14 to 11)
	74		76
1	sometime after 2005-ish, along in there I well,	1	you would know that.
2	actually I spoke to him on the phone counts; right?	2	A. Oh, okay.
3	Q. Yeah, absolutely.	3	MS. TURNER: Mr. Tatem, those are all my
4	A. Yeah, I didn't know if you meant in person.	4	questions. Thank you very much.
5	I seen him at the shipyard along in those times frames	5	
6	a couple or two, three times, and then at the last I	6	EXAMINATION
7	talked to him on the telephone several times, maybe	7	
8	once a month or so.	8	BY MR. SCHWERTZ:
9	Q. And you mentioned that you spoken with him	on 9	Q. Mr. Tatem, Carl Schwertz.
10	the phone after he had been diagnosed with his illness		MR. SCHWERTZ: Paul, same stuff as we've dor
11	A. Yeah. I'd call him and ask him how he was	11	so far? And I actually brought paperwork so I wouldn't
12	doing, you know, that type of thing. I'm not getting	12	have to keep on asking that. That's for GP in these
13	better, but hopefully they're going to be able to do	13	two cases. They're just stipulation of dismissals.
14	something. It didn't happen that way.	14	MR. WEYKAMP: All right. We'll take care of
15	Q. Do you recall whether you spoke with Mr.	15	that.
16	Jacobs about his lawsuit before he passed away?	16	MR. SCHWERTZ: Yeah, that's fine. And then
17	A. Didn't know he had a lawsuit. He didn't go	17	my questions don't waive any service defects, fair?
18	into that.	18	MR. WEYKAMP: Right.
19	Q. Do you know if Mr. Jacobs smoked?	19	
20	A. You know, I don't think Robert smoked because	se 20	BY MR. SCHWERTZ:
21	l didn't and he didn't that wasn't didn't have	21	Q. Mr. Tatem, very quickly, you mentioned early
22	time. Drank too much beer.	22	on in the questions by Mr. Joss about removal of
23	Q. Were you a member of a union at Norshipco?	23	decking. Do you remember that?
24	A. No, I never was well, I was in a union for	24	A. Decking?
25	about long enough to get in and get out before they	25	Q. Taking out decking material?
	75		77
1	ever took the fee out. No.	1	A. Yes, sir.
2	Q. Was Mr. Jacobs ever a union member?	2	Q. Do you have any knowledge as to who
3	A. Same. You know what? I think Jacobs did	3	manufactured the decking material that you removed?
4	join the union after — he was a supervisor and then he	4	A. (Shaking head.)
5	got out. It's iffy. He might have joined it, but I'm	5	Q. You're shaking your head no?
6	not positive.	6	A. No, sir, I don't. I'm sorry, I forgot that
7	Q. You mentioned that you have a file at home	7	machine doesn't get movement.
8	that contains, among other things, certain	8	MR. SCHWERTZ: Thank you. Those are all my
9	correspondence that you've received from Mr. Weykamp	? 9	questions.
10	A. Uh-huh.	10	MS. TURNER: Actually, I have one more
11	Q. Have you received any money from settlement	11	question that I forgot to ask.
12	trusts or otherwise?	12	
13	A. Yes.	13	EXAMINATION
14	Q. Okay. In connection with your illness?	14	
15	A. Yes.	15	BY MS. TURNER:
16	Q. Okay. Do you know did that money come	16	Q. The MJ bulkheads that you were talking about
17	from Mr. Weykamp or did it come directly from another	17	do you know who manufactured those bulkheads?
18	source?	18	A. We did.
19	A. From another source I guess is where - I	19	Q. So you created them?
20	think it come from these other companies or something.	20	A. They were manufactured within the shop.
21	Q. As you sit here today can you recall who the	21	Yeah, ma'am, 16 gauge.
22	money came from?	22	MS. TURNER: Thank you. Those are my
23	A. No, I didn't have any reason to look. I	23	questions.
24	didn't know you-all wanted that information.	24	MS. FEHSENFELD: I don't have any questions.
25	Q. There's no reason that you would need that	25	
\$200 (2015) A.)			

21 (Pages 78 to 81)

80 78 1 **EXAMINATION** 1 **EXAMINATION** 2 2 3 BY MR. SLAUGHTER: 3 BY MS. FEHSENFELD: 4 Q. Mr. Tatem, just a couple of quick follow-ups. Q. I actually have one question. You had 5 Earlier you provided the names of some contractors that mentioned cutting cloth and a substance from 6 are on Exhibit 1? insulation. Are you aware of the manufacturers of any 7 7 A. Yes, sir. of those products? 8 Q. You don't have any specific recollection of 8 A. No, ma'am, I really wouldn't have had a 9 any particular job that any of those contractors did 9 reason to know other than it was in the way and get rid 10 during your time at the shipyard, do you? 10 of it, that type of thing. 11 A. Specifically, no, sir. But the only thing I 11 And can you describe the substance that you 12 do remember about like -- I think it was Staggerwall 12 were cutting from the cloth? 13 and Shelby-Battersby [sic], it seems like they did the 13 Well, it was like a canvas looking type 14 terrazzo decking back then. I do remember one of the 14 cloth. 15 15 guys, Joe, and I used to see him. But I'm not sure --Q. Okay. 16 I don't remember for sure which one he worked with. 16 But it was a woven kind of white looking 17 But I remember we'd come through the spaces, 17 cloth type thing that you cut that to get to what it 18 they'd have -- I don't know how much you want, but 18 was covering up, what was insulation types or whatever 19 they'd have the materials in the buckets and the 19 they were to get to that to pull that out of your way 20 20 powder. And they'd dump all this stuff and they had to get access to what was the securement of what you're 21 21 these power motors and they'd be doing it for the trying to remove. 22 asbestos -- not asbestos, this was for the terrazzo 22 Q. Got you. 23 decking. And they would do the mixing and that type of 23 That was kind of like it. 24 MS. FEHSENFELD: Thank you. That's all. thing, and the powder would be blowing and you'd go by 24 25 them because it had areas you couldn't go in, but you 25 81 1 still had to access areas where you were going for your 1 **EXAMINATION** 2 work. So I don't know any specific materials they were 2 3 using because there wasn't a need to know. 3 BY MR. SCHWERTZ: 4 Q. Do you have any specific recollection of Mr. 4 Q. I came up with one more just because that's 5 Jacobs working in or around the areas where any of 5 what lawyers do. In follow-up to a couple of questions, you said that you talked about Staggerwal 6 those companies were doing work? 6 7 A. It was the same kind of a situation. He 7 and Shelby [sic]? 8 probably was involved with the same kind of a situation 8 Uh-huh. 9 that I was in because he was basically in the same time 9 And you talked about you thought they laid 10 frame, so any given time he could have been exposed to 10 terrazzo tile? 11 the same situation. 11 A. I think. I know somebody - I know they were 12 Q. But you don't --12 there and the time frames and exactly that it was the 13 13 A. Not specifically, no, sir. terrazzo or the insulation, I'm not absolutely 14 Q. But you don't have any specific recollection 14 positive. 15 of that? 15 I appreciate that. 16 A. No, sir, not a -- no, sir. 16 A. I just remember seeing that they were there 17 Q. And as to any materials those companies were 17 on the jobs. 18 working with, you don't have any personal knowledge as 18 Yes, sir. And you thought because you were 19 to what kinds of materials they were using? 19 there and Mr. Jacobs was there at the same time, but 20 A. No, sir, didn't have a need to, no, sir. 20 you can't even say if it was Staggerwall or Shelby 21 MR. SLAUGHTER: Thank you, Mr. Tatem. That's 21 [sic] or Joseph Smith Limited? 22 all I have. 22 Not absolutely and have to swear to it, no, A. 23 23 sir. 24 Thank you, sir. 24 Q. 25 25 A. Sorry.

22 (Pages 82 to 85)

84 82 1 Q. Don't apologize. You're doing the best you 1 Most probably the answer is yes. 2 2 Okay. What years would those be? can. 3 3 I want to be more helpful. Oh, '55, '57, in that time frame. Let's see. 4 Are you talking like from when you-all were 4 MR. SCHWERTZ: You've been very helpful. 5 THE COURT REPORTER: Anybody on the phone 5 from like tenth grade to twelfth grade? 6 Yeah, yeah, junior high, whatever you call it 6 have any questions? 7 7 MR. BRUGH: Yes, I do. nowadays. But, yeah, it was high school back then. So 8 I graduated from high school in '59, so it must have 8 9 9 **EXAMINATION** been '57, '58-ish along in there is when I started 10 10 running into Robert back then. 11 BY MR. BRUGH: 11 Q. So you're talking about when you-all were 12 like 16, 17, 18 years old? 12 Q. Mr. Tatem? 13 Yes, sir. 13 A. Yes, sir. 14 Q. Okay. And that would have been from '57 to 14 Can you hear me all right? 15 '59? 15 Yes, sir, Mr. Brugh. 16 Q. All right. Thank you. As you just pointed 16 A. That's correct. 17 17 out, my name is Lynnie Brugh, and, first of all, I want Q. And let me see if I understand you right. Did you say you never were actually with Mr. Jacobs 18 to apologize. We had a little power outage here and I 18 19 got knocked off the phone for about 10 or 15 minutes, 19 when he worked on any vehicles? 20 20 That's correct. so I hope my questions won't be ones that were asked A. when I wasn't on the phone, but, again, I apologize and 21 21 Okay. So you just know that he did at times 22 you can let me know if you've already answered them. 22 work on vehicles, but you don't really know what he 23 Mr. Tatem, do you have any personal knowledge 23 whether Mr. Jacobs ever did any automotive work? That's correct. 24 24 A. 25 Okay. And, therefore, you don't know whethe 25 A. Yes, sir. Q. 83 85 Okay. What knowledge do you have? 1 1 he ever worked on a transmission, do you? 2 Well, it's going to be limited. I know that 2 A. No, sir. I wasn't with Robert side by side 3 on doing any of these things. I must have 3 back when we were in school and all that type of thing, 4 way back when we used to work on cars together, and 4 misunderstood the question from the get-go in that did 5 we do it. Well, I know he had to have done it because 5 anything from working on motors to changing tires to he -- that's just the way he was and that's the way I changing brake systems to just whatever, you know, 6 6 7 7 was, that we basically did most all of our repairs back piddling with cars, because when you're poor you got to 8 fix them yourself. 8 in that time frame, each individually at separate 9 9 Q. Okay. Let me ask you this: How many times places. 10 10 Right. But that's just your understanding of do you recall being with Mr. Jacobs when he did any 11 automotive work? 11 what he did. You don't have any personal knowledge of 12 what -- what particularly he did on any of his 12 A. I can't honestly answer that for you because 13 I don't absolutely remember, you know, a given time or 13 vehicles; right? 14 any specific things. I just generally know that back 14 A. No, sir, I don't. Q. Like you don't know whether he ever did a 15 when we were teenagers and all we had our cars and he'd 15 16 be working on his over at his house and I'd be working 16 tune-up on his car, do you? 17 on mine or whatever and then we'd get together and that 17 A. Nothing other than him -- you know how you type of thing. But I didn't absolutely have Jacobs 18 compare notes back in that time frame. Yeah, I was 18 working with me or the two of us together making any 19 changing the points today and I put them at 17 instead 19 20 repairs. 20 of 15, whatever. You know, just general BS in that 21 Q. Okay. All right. Well, let me - I'll just 21 time frame of things we were doing, and that's why it' 22 try to clarify then with some of these questions. 22 performing the way it is, you know. 23 23 First of all, is the only time that you're aware of Mr. Q. All right. Do you recall him ever discussing 24 changing any clutches on his vehicles? 24 Jacobs ever doing any automotive work was during 25 25 you-all's teenage years while you were in high school? A. No, sir.

23 (Pages 86 to 89)

88 86 time frames of the past, that any of these areas 1 Q. Do you ever recall him discussing working on 1 2 that -- the Westinghouse and the G.E., again, Robert 2 his radiator in any of these vehicles? 3 could have very easily have been involved with this 3 A. Not that we discussed it, no, sir. 4 type of work to make removals and make access by making 4 Q. Do you recall him ever discussing whether he these removals to be able to allow the machinists to 5 5 ever worked on any of his brakes in any of his 6 come in and do their work. Specifically, I don't -- I 6 vehicles? 7 can't answer. I don't know exactly what you --7 A. Not specifically, no, sir. 8 MR. JOSS: Let me object to the nonresponsive 8 Okay. So, Mr. Tatem, you can't provide any portion of the answer and also move to strike on the 9 9 specific testimony as to whether Mr. Jacobs was ever 10 grounds that it's speculation. 10 exposed to any asbestos from ever working on any brake 11 11 products, can you? 12 BY MR. WEYKAMP: 12 A. No, sir, I cannot. 13 Q. What you just described in terms of what you 13 MR. BRUGH: Mr. Jacobs -- I'm sorry, Mr. 14 did --14 Tatem, those are all the questions I have. 15 A. Yeah. 15 THE DEPONENT: Thank you, sir. 16 O. -- with and around turbines, is that 16 MR. WEYKAMP: I've got a few questions. 17 something that a person who worked as a sheet metal 17 Anybody else? worker would have been required to do when working down 18 18 19 at Norshipco at the time you were down there? 19 **EXAMINATION** 20 MR. JOSS: Objection. Calls for speculation. 20 21 THE DEPONENT: Are you asking me did Robert 21 BY MR. WEYKAMP: Q. Mr. Tatem, I'm going to ask you to look at 22 Jacobs make removals of interferences to the 22 Westinghouse and the G.E. turbines that could have been 23 23 what's been marked as Exhibit Number 1. You have 24 on the job? My answer would be, yes, that he very 24 written on here Westinghouse, G.E. turbine. What do 25 easily could have been and there's a real high 25 you remember about Westinghouse? 89 87 probability that I directed it, but I can't tell you 1 That -- the reason why I scribbled those 1 what day or when or exactly that it was Westinghouse or 2 notes on there, I was trying to think to myself some of 2 3 G.E. 3 the different people of different types -- not people, 4 some of the manufacturers of the different types of 4 All I know is that when I went down to a 5 given job and there were specifications, and not 5 equipment. 6 And I was thinking turbines, and Westinghouse 6 necessarily always a specification, because it could 7 7 have been a commercial contract that you go down in the was a name that I remember and G.E. is a name that I 8 engine room and a guy that doesn't speak English is 8 remember of equipment that was there on the jobs of -9 trying to tell you, You must fix broken turbine. You 9 that we could have very easily have worked on and tore 10 the covering off of the -- or the insulation to get to 10 make removals. 11 Well, I didn't -- back then you didn't take the sheet metal to open up the different areas that the 11 machinists -- the outside machinists would have needed 12 an insulator with you. You didn't take -- you took an 12 13 to get to to access the work to pull the covers. 13 outside machinist, one or two, and a rigger maybe and That's just scribbled notes. It's something I was sheet metal worker. And anything that was in the way 14 14 15 had to be done by those limited guys on the job, and 15 thinking about. 16 the best you could do to make out with the chief 16 MR. JOSS: I'm going to move to strike as 17 speculation. 17 engineer of what he was trying to say. 18 And it may not have been either one of these 18 19 BY MR. WEYKAMP: pieces of equipment, it was a -- another brand. I 19 don't know. But these are the ones I was -- I thought 20 Q. What do you recall, if anything, about what 20 of that I could remember and you had to get the job 21 Mr. Jacobs did with regard to working with or around 21 22 done with the manpower you had there. So, yeah, the 22 Westinghouse turbines? 23 sheet metal workers could have very easily have been 23 MS. TURNER: Object to form. THE DEPONENT: It would be the same thing. 24 the one to make the removals? 24

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What I just told you is what I remember doing in the

MR. JOSS: I'm going to object to the

24 (Pages 90 to 93)

90 92 1 nonresponsive and move to strike as well. 1 We used to go up to the dead fleet, you know, 2 THE DEPONENT: I don't know how to answer. 2 and work on a given situation like that where you have 3 3 to move everything and then you would take an 4 BY MR. WEYKAMP: 4 electrician with you, but you still had the limited 5 5 Q. Can you describe what those removals work force of guys, none of them being an insulator to 6 involved? 6 make these removals. And that would only happen once 7 A. Well, yeah. You would go into the space and 7 or twice a year. 8 as you would find out what you were going to be working 8 on, there would be some type of covering covering up 9 9 BY MR. WEYKAMP: 10 the insulation, hold it in place to dress it up, and 10 Q. All right. You mentioned the name Waco. Can 11 this stuff was mostly put there for heat barriers. You 11 you describe what you associate with that name, Waco? 12 remove the cloth as it was, remove the insulation as it 12 A. Only thing I can tell you about Waco is it 13 was, and this would allow the machinist to access those 13 seemed to me that there was one of the insulation 14 areas to get to work to tear the thing down and make 14 companies that would come in after we basically would 15 15 the removals. have gotten all the work done, all the removals done 16 Q. What did that insulation you just described 16 and everything was trashed and then everything was 17 look like? 17 rebuilt and put back together, these guys Would come in 18 A. Most of the time it seems like it was a white 18 and do the dressing out part of putting insulation or 19 block looking stuff, and it was cut to form, probably 19 whatever around the removal areas for most -- mostly 20 the arcs and sections, segments, if you will, to fit 20 for heat protection for the equipment, that type of 21 around this equipment. All I know is it looked white 21 thing. They do the thing, cutting and fitting and all 22 most all the time and/or maybe a little bit of a gray 22 the insulation, and then they cloth wrap it and then 23 23 look to some of it. they take this mud looking stuff and dress it all up. 24 24 Q. And when you would remove that, what kind of Q. What did that insulation that you described 25 conditions would that create in the air, if any? 25 look like that was being put back on? 91 93 1 1 Well, you get a bunch of dust type stuff Again, it was a white looking substance most 2 flying throughout the space and that type of thing 2 generally all the time. I do remember seeing some of 3 because you always had to go back and brush it all up 3 the blocking looking -- having a little gray tint to 4 and clean it all up and put it in a bucket and leave it 4 it, but for the most part it was always a white 5 on the ship most of the time on the commercial jobs. 5 material. 6 Navy jobs you had to put it in a bag and you were 6 When they would apply that, what kind of 0. 7 responsible for getting it off the ship. 7 conditions were created in the air, if any? 8 Q. How frequently would -- how frequently would 8 Well, most of the time with that block work 9 you do that type of work with the sheet metal? 9 and all that it was not - it was knifed and hand 10 Sometimes three or four times in the first 10 sawed, and there would be some dust coming off of it, 11 part of the year and then sometimes not for a couple of 11 of course. And then for the most part as they would 12 years. There was no set pattern to make it happen, you 12 cut the cloth and tear it, then there would be a little 13 13 bit of dust and all flying off that cloth that they 14 Q. And doing that job, how long did it typically 14 would wrap it up with, and then that mud was no dust o 15 take to do that job on one turbine? 15 anything because it was watered down, whatever they 16 A. Anywhere from 15, 20, 30 minutes to an hour 16 were using, and they mud it in and finished it up. 17 and a half, depending on what you had to do, what was 17 Q. Is that a process that Mr. Jacobs worked 18 involved. 18 around? 19 Q. When you do -- when you would do one of those 19 A. Oh, yeah, he would have done the same thing 20 jobs, how many turbines would you typically do? 20 that I did many a time and he did it many a times. 21 MR. JOSS: Objection. Calls for speculation. 21 And, of course, as I would assign him those works --22 THE DEPONENT: We generally would limit it to 22 this is more like when it was in the yard, that type of the one area for the most part because that's what 23 23 thing, and we did a lot of commercial work. Back in 24 would be down and that's the part you have to be 24 that time Norshipco was more like 60 percent commercial

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work and 40 percent government work. So most of it

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working on.

25 (Pages 94 to 97)

94 96 repeat themselves. Many of the times you just walk 1 would have been mostly with commercial work and lot of 1 2 through there and the powder is flying, like everything this happened in that time frame, those time frames. 3 else with construction going on, people working and 3 Q. How frequently would you be working around 4 Waco contractors doing that kind of insulation? that was happening. 4 5 When you say they make their pours, what do 5 A. I don't even know. I couldn't even make a 6 guess to be honest, to be fair about it. Could be 6 you mean by that? 7 Well, they have a given area of deck where 7 anything from three times in a year to several times, 8 they're going to put this mixture that they just made, 8 you know, depending on just how the workload went, what is the terrazzo mix itself, and they would pour 9 because it was a repair yard and you didn't have any 9 10 it, you know, out of the buckets into the areas and 10 fixed amount of set work that came in all the time on 11 trowel it and square it and block it and then go back 11 any kind of a schedule. It was just sporadic, and just 12 and make more. It's just like laying a driveway, but 12 Navy -- ship repair and that's what it is. It's ship 13 13 it's on the ship and it's out of this material. repair as to opposed to manufacturing new stuff and new build like they do at Newport News. They can tell you 14 14 Q. Is that a process that Mr. Jacobs would have 15 15 how many jobs, when it's going to be, what kind of -worked around as well? MR. SCHWERTZ: Objection to form. 16 when it's repair work it's just whatever shows up that 16 17 THE DEPONENT: He would have had to pass in 17 has got to be done. 18 these areas, yes, sir. He would be -- him or whoever I 18 Q. Now, you mentioned this Shelby-Battersby 19 had with me would be walking right behind me following 19 [sic] name as well. What do you associate with that 20 me through the same kind of a situation. 20 21 21 MR. SCHWERTZ: Objection. 22 THE DEPONENT: The Shelby-Battersby [sic] 22 BY MR. WEYKAMP: 23 23 people, like I said, is like with Staggerwall. I think And how frequently would this process be done 24 I remember them as the ones doing the terrazzo decking 24 on -- on the ships you were working on? 25 Well, again, it's back to what the demand of 25 and all. And they lined out spaces. Of course, you 97 95 the work was. I mean, it wasn't a fixed time that couldn't walk in them because some of the ships didn't 1 1 we're going to do this kind of work for the first two 2 2 have a given passageway to get to a given space, where 3 weeks of every month. That didn't happen. It was just 3 a lot of times -- like your starboard side and port side with this limited space, they do half of it, and 4 as the workload picked up, I guess you might say, and 4 5 these people would show up to do the decking. you have to go through -- to go up to the engine room 5 6 And earlier on they go in and break all this 6 or go down and get access to the engine room or pump 7 7 stuff out with the air hammers, and dust would be room or whatever, you'd have to actually go through 8 8 these spaces where they were involved doing their work. everywhere, man, when they were taking the old stuff 9 9 out. And it seemed like the government loved to spend 10 money because I didn't see anything with wrong with a 10 BY MR. WEYKAMP: Q. Can you describe the work they were doing and 11 lot of it. They'd take it and bust it all out and 11 12 how they were doing it? 12 change colors. Well, you still got to walk through. 13 In that it wasn't blocked off, you just had to walk 13 A. That's what I was talking about a while ago. I told him that, and I might have volunteered too much 14 across the deck through the space to get to where 14 information. Again, I'm sorry, but they'd work out of 15 you're going. You know, hey, how are you doing, you 15 16 like five-gallon buckets, these guys would. And they 16 know. And they was making a real mess. Dust 17 17 take these white bags of this power stuff, whatever, everywhere, I mean, you couldn't see. 18 So as I understand what you're saying, 18 and dump it into the five-gallon bucket, a portion of 19 sometimes when they wanted to lay this material down of 19 whatever they want to mix, and then they put another one side of the ship, they would actually just take 20 white looking milky stuff in it and powder -- I mean, 20 21 21 half of that space -dust and all would blow up out of it. 22 22 And then they'd take this little electric Correct.

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-- and do half first so people could still

have access through the ship?

A. That's absolutely true.

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mixer with the paddle on the end of it and they do the

mixing. And, of course, as it got wet the powder would

dissipate and then they make the pours and go back and 25

26 (Pages 98 to 101)

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1	MR. WEYKAMP: Those are all the questions l	1	
2	have. Thank you.	2	EXAMINATION
3	MR. JOSS: I've got some follow-up.	3	
4	Microso. The gottome feneral app	4	BY MS. FEHSENFELD:
5	EXAMINATION	5	Q. I just have a couple of follow-up questions.
6		6	You mentioned the insulation was dressed up with mud?
7	BY MR. JOSS:	7	A. That's a finished coating of mud that makes
8	Q. Mr. Tatem, you mentioned when Mr. Weykamp	8	it all come together, so to speak, and that way the
9	was asking you questions about these turbines?	9	painters have got something to paint, to clean it up.
10	A. Yes, sir.	10	It's a finished product that they actually make like
11	Q. Okay. You don't have a specific recollection	11	mud. It's a
12	of Robert Jacobs working on say a G.E. turbine?	12	Q. Was it something that came premixed or did
13	A. No, sir. I just jotted that down because I	13	they have to mix it?
14	was trying to remember turbines and there was another	14	A. Oh, they had to mix it and from I don't
15	name that's a real popular brand that I can't think of	15	know exactly what the material was, but they same
16	that used to be in and they were there. I know	16	procedures just about as the terrazzo, but in a
17	there was some Westinghouse, some G.E.	17	different situation. They'd mix it in a container,
18	Q. Right.	18	whatever they brought with them, and they put this
19	A. No, I cannot. No is the answer.	19	powder type stuff in there and then they put a chemical
20	Q. You can't tell me any specific ship where Mr.	20	mix with it and they'd mix it all up, stir it,
21	Jacobs may have been aboard that specific ship when	21	whatever, and they actually trowel it on. It looked
22	G.E. turbines were worked on, is that fair?	22	like an adobe hut, you know, that look, so you get a
23	A. Yes, sir. No, I can't.	23	finished product. And then when it dries, as the ship
24	Q. You can't tell me that Mr. Jacobs was ever	24	gets underway, then the crew most probably will paint
25	exposed to asbestos from a G.E. turbine?	25	it so it's got a painted coat on it, it accepts the
	99		101
		1	paint coat.
1 2	A. No, I can't. Sorry about it. MR. JOSS: No, that's fine. I just want to	2	Q. What color was it before
3	make sure you and I understand each other. Thank you.	3	A. A whiteish, grayish type.
	make sure you and I understand each other. Thank you.	4	Q. Okay. And you don't know who manufactured
4 5	EXAMINATION	7	O. Okay. And you don't know who manufactures
		5	
1 6	LMAMON	5 6	that or you don't know
6		6	that or you don't know A. Wouldn't have a clue, sorry.
7	BY MS. TURNER:	6 7	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was
7 8	BY MS. TURNER: Q. I have just a few questions and they're going	6 7 8	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on
7 8 9	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today	6 7 8 9	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing.
7 8 9 10	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs	6 7 8 9 10	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come
7 8 9 10	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right?	6 7 8 9 10 11	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the
7 8 9 10 11 12	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right? A. No, ma'am.	6 7 8 9 10 11 12	that or you don't know A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the different areas. Today it's this, tomorrow it's the
7 8 9 10 11 12 13	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right? A. No, ma'am. Q. And you can't tell me a specific ship that	6 7 8 9 10 11 12	A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the different areas. Today it's this, tomorrow it's the engine room, the next day the Captain's clock don't
7 8 9 10 11 12 13	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right? A. No, ma'am. Q. And you can't tell me a specific ship that Mr. Jacobs was working on where a Westinghouse turbine	6 7 8 9 10 11 12 13	A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the different areas. Today it's this, tomorrow it's the engine room, the next day the Captain's clock don't work, you got to fix it.
7 8 9 10 11 12 13 14	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right? A. No, ma'am. Q. And you can't tell me a specific ship that Mr. Jacobs was working on where a Westinghouse turbine was also being worked on?	6 7 8 9 10 11 12 13 14	A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the different areas. Today it's this, tomorrow it's the engine room, the next day the Captain's clock don't work, you got to fix it. Q. And how often in a given year maybe?
7 8 9 10 11 12 13 14 15	BY MS. TURNER: Q. I have just a few questions and they're going to be very similar to Mr. Joss'. As you sit here today you don't have a specific recollection of Mr. Jacobs working on a Westinghouse turbine; is that right? A. No, ma'am. Q. And you can't tell me a specific ship that Mr. Jacobs was working on where a Westinghouse turbine was also being worked on? A. No, ma'am.	6 7 8 9 10 11 12 13 14 15	A. Wouldn't have a clue, sorry. Q. And can you say where and when that was happening on A. Throughout my career as the whole thing. That's what ship repair is all about. As things come in broke on the ship, then there's no set pattern, the different areas. Today it's this, tomorrow it's the engine room, the next day the Captain's clock don't work, you got to fix it. Q. And how often in a given year maybe? A. I wouldn't even want to speculate a guess for
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(Pages 102 to 105)

102 104 1 about Waco and Staggerwall and Shelby-Battersby [sic] 1 little less price-wise so that's the guy they would get 2 on your Exhibit Number 1. because it was contract work and the lower price would 3 A. Uh-huh. 3 usually get the work. Now I think they have to get Do you recall that, that he just asked you 4 Q. three estimates before they select one, but back then I about that? 5 think it had something to do with the high prices and 5 6 6 who was available for the work. A. Yes, sir. 7 Q. All right. And you talked about some of what 7 Q. Okay. I'm going to move to strike the 8 Waco -- what you recall Waco doing? 8 nonresponsive portion. 9 A. I just remembered that they were one of the 9 You used the word -- and I don't want to 10 insulators that I was just trying to -- I was 10 quibble with you. You used the word probably a lot in 11 scribbling things down to try to think of. Because 11 that answer. You don't have any specific knowledge 12 it's an asbestos issue, I was trying to remember who 12 about how that might have happened, do you? 13 13 did insulation back then and that's the only thing I A. No, sir, no. 14 could remember, was the four. I know there was more. 14 Okay. And just to make it clear, you 15 15 described several things that these contractors did. Q. You also mentioned a company on here called C. E. Thurston. Is that another insulation contractor? 16 That was your recollection generally from that period; 16 17 A. Yeah, that was one of the local guys right 17 18 down here on Colonial. They used to call them in --A. That's right, just what I recall seeing and 18 19 later on -- earlier on when the -- when the insulation 19 that was -- yeah. 20 20 removals would be made, it would be made by whoever was Q. And you don't have any personal knowledge of 21 there to get it done. And then the shop -- the pipe 21 Mr. Jacobs actually being around C. E. Thurston or Waco 22 22 shop would actually do -- go back down and they weren't when they were doing this particular work, do you? 23 insulators either. They would do what the boss told 23 Time frame and exact date and -- I wouldn't 24 them, and they'd put up the insulation and make as good 24 have a clue. But I know that it was -- it has happened 25 a job of it as they could. and that he was -- had been with me at different times 103 1 And as that happened, it evolved into the --1 as we'd be going through the ship to a work area of our 2 actually setting up an insulation shop. Well, along own that we had to go to, that this would be happening 3 the way when we didn't have these people to do any of 3 and it was just generally passing through as the work 4 that in our shops, C. E. Thurston would be 4 was ongoing and coming back out and back and forth. 5 subcontracted to come in and do the insulation work. 5 And as you recall these instances as you 6 And that's just the name I remember, the biggest 6 described going to and from places and so forth, is 7 7 insulator company that would come in and do the work. there any way for you to differentiate whether the 8 8 Q. Well, let me ask you, you described some of folks you saw working were folks working for C. E. 9 the physical things that you recall Waco perhaps doing 9 Thurston versus Waco or any other contractor? 10 with block insulation and so forth. Was that the same 10 A. Nothing other than knowing they were with 11 11 kind of work that C. E. Thurston was doing? that company. Sometimes they'd have a ball cap on that 12 A. Yes, sir. 12 said C. E. Thurston or a shirt that said C. E. Thurston 13 13 Q. In your mind do you have any particular on the back with their name on it, something to that 14 recollection of one company or the other doing this 14 effect. But as far as knowing exactly, no, sir, you 15 15 work specifically? just knew that they were like, That's C. E. Thurston's 16 A. No. The only thing I can give you an answer 16 people. They got to work, so keep your guys away from 17 on that is that most probably C. E. Thurston -- depends 17 it, stay off the markings, don't hold the subcontractor 18 on their workload and how they would price it. Waco I 18 up. 19 think was the smaller of the companies, so I'm thinking 19 MR. SLAUGHTER: Mr. Tatem, I believe that's 20 that they probably provided a smaller price because 20 all I have. 21 Thurston had so much more overhead because Thurston was 21 MS. TURNER: I apologize, I just have a 22 a right big company in this area. I guess it's still 22 couple more. Paul, do you mind if I have a couple

23

24

25

more?

MR. WEYKAMP: No.

here. I don't know.

Because they had a higher overhead, their

prices were a little bit higher. Waco was probably a

23

24

25

28 (Pages 106 to 108)

	106	108
1		1 COMMONWEALTH OF VIRGINIA AT LARGE, to wit:
2	EXAMINATION	2 I, Donna R. Tanner, Court Reporter and a
3		Notary Public for the Commonwealth of Virginia at
4	BY MS. TURNER:	large, of qualification in the Circuit Court of the
5	Q. Mr. Tatem, fair to say that you don't know	4 City of Virginia Beach, Virginia, and whose commission expires June 30, 2014, do hereby certify that the
6	the maintenance history of any turbine from which you	5 within named deponent, JAMES TATEM, SR., appeared
7	removed insulation?	before me at Norfolk, Virginia, as hereinbefore set forth, and after being first duly sworn by me, was
8		thereupon examined upon his oath by counsel for the
		7 respective parties; that his examination was recorded
9	Q. I guess that was a bad question because I	in Stenotype by me and reduced to computer printout under my direction; and that the foregoing constitutes,
10	said, Fair to say. So let me ask it this way: You	to the best of my ability. a true, accurate, and
11	don't know the maintenance history of any turbine from	9 complete transcript of such examination. 10 I further certify that pursuant to
12	which you removed insulation; right?	agreement of counsel and the deponent, reading thereof
13	A. No. Well	and signature thereto were expressly waived.
14	Q. That's correct?	12 I further certify that I am not related to nor otherwise associated with any counsel or party to
15	A. That's correct.	13 this proceeding, nor otherwise interested in the event
16	Q. And there's no way for you to know who had	thereof.
17	installed any of the insulation that you ever removed	Given under my hand and notarial seal this
18	from a turbine; right?	20th day of December, 2010.
19	A. That's right, I wouldn't know.	16 17
20	Q. And there's no way for you to know who had	
21	supplied that insulation that you had removed from any	Notary Public 9 19
22	turbine; is that right?	20
23	A. No, ma'am.	21
24	Q. That's right?	22 23
25	A. That's right.	24
		25
	107	
1	Q. And is it also correct that you don't know	
2	who manufactured any of the insulation that you removed	
3	from the turbine?	
4	A. That's – no, I don't.	
5	MS. TURNER: That's it. Those are all my	
_	-	
6	questions. I promise.	
7	MR. WEYKAMP: We all set?	
8	MR. JOSS: You want to advise Mr. Tatem?	
9	MR. WEYKAMP: Mr. Tatem, you have a right to	
10	read and sign a copy of this transcript where you have	
11	to they'll give you an errata sheet where you can	
12	make changes.	
13	THE DEPONENT: I should do that now?	
14	MR. WEYKAMP: No, sir, you don't have to do	
15	it at all in fact. But this lady will work this into a	
16	book form in a couple of weeks. You can either read	
17	and sign or you can waive your right to read and sign.	
18	You really can't change anything, the substance of	
19	anything.	
20	THE DEPONENT: No. Everything I said I	
21	tried to say it honestly, whatever helped or hurt.	
22	MR. WEYKAMP: We'll go ahead and waive.	
23	(Whereupon, the deposition was concluded at	
24	2:10 p.m.)	
25		